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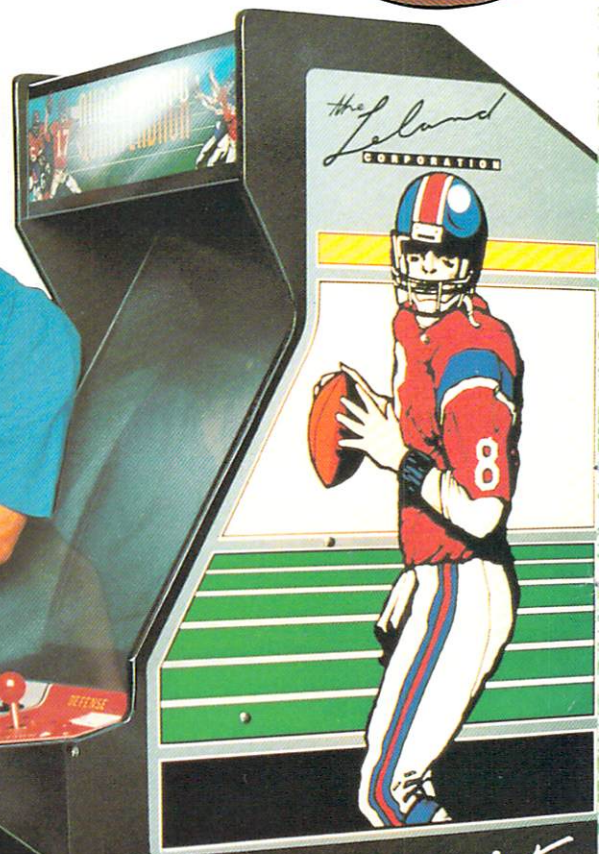
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You can tell a lot about a game by the people who play it.

COMMODORE 64/128 USER'S SURVEY

We'd like to know about you, your tastes, and preferences. What attracted you to this Buyer's Guide? What do you like best—and least—about your Commodore machine? The more we know, the better our publications are able to meet your needs. Please take a moment to answer these questions and mail the survey back to us. Thanks.

How old are you?

- ☐ Under 18
☐ 18 to 29
☐ 30 to 44
☐ 45 to 65
☐ Over 65

Which Commodore do you own?

- ☐ 64
☐ 64SX
☐ 128
☐ 128D
☐ VIC-20
☐ PET

Which other computers do you own? _____

Do you plan to buy another computer within the next year?

- ☐ Yes
☐ No
☐ Don't know

If yes, which computer do you plan to buy?

- ☐ Amiga ☐ 500 ☐ 1000 ☐ 2000
☐ Apple II series
☐ Atari ST
☐ Commodore ☐ 64 ☐ 128
☐ IBM PC
☐ Macintosh
☐ Tandy
☐ PC compatible _____

What peripherals do you own?

- ☐ Daisywheel printer
☐ Dot-matrix printer
☐ Hard drive
☐ Input devices (mouse, light pen, and so on)
☐ Interface
☐ Joystick
☐ RAM expander
☐ Other _____

How much money have you invested in your hardware? _____

How much money have you invested in your software? _____

How much money do you spend on software each month? _____

What types of software have you purchased in the past year?

- ☐ Business applications
☐ Desktop publishing
☐ Drawing and CAD programs

- ☐ Education
☐ Games
☐ Home Management
☐ Music
☐ Paint programs
☐ Programming languages and software
☐ Telecommunications
☐ Utilities
☐ Word processor
☐ Other _____

Which computer magazines do you read regularly? _____

Do you currently subscribe to *COMPUTE!'s Gazette*?

- ☐ Yes
☐ No

Have you subscribed to *COMPUTE!'s Gazette* in the past?

- ☐ Yes
☐ No

What types of Commodore 64 and 128 coverage do you most appreciate? Check the four most important to you.

- ☐ Business articles
☐ Buyer's guides
☐ Feature articles
☐ Hardware modifications and projects
☐ How-to articles
☐ Interviews with industry personnel
☐ New products
☐ 128-specific articles and applications
☐ Product reviews
☐ Programming explanations and tutorials
☐ Sound and music articles
☐ Type-in programs

How could this Buyer's Guide be improved? _____

Additional Comments _____

Name and Address (optional)

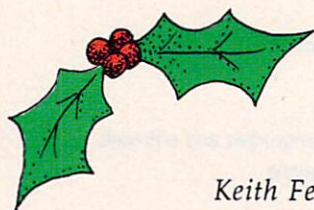
Completed surveys should be sent to:

COMPUTE! Commodore 64/128 Survey
PO Box 5406
Greensboro, NC 27403

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TOTAL BACK UP POWER TAKES A QUANTUM LEAP!

ACTION REPLAY IV THE ULTIMATE UTILITIES/BACK-UP CARTRIDGE FOR THE 64/128

• Action Replay allows you to Freeze the action of any memory Resident Program and make a complete back-up to disk or tape – but that's not all . . . Just compare these features

❑ Simple Operation: Just press the button at any point and make a complete backup of any* memory resident program to tape or disk.

❑ Turbo Reload: All back-ups reload completely independently of the cartridge at Turbo speed.

❑ Sprite Monitor: View the Sprite set from the frozen program – save the Sprite – transfer Sprites from one game to another. Wipe out Sprites, view the animation on screen. Create custom programs.

❑ Sprite Killer: Effective on most programs – make yourself invincible. Disable Sprite/Sprite/Background collisions.

❑ Unique Picture Save: Freeze and save any Hires Screen to tape or disk. Saved in Koala, Blazing Paddles Format.

UNIQUE FEATURES:

❑ WARP 25

Loads 50K in under 5 seconds!!

This is true action replay feature "Warp 25" the world's fastest disk serial Turbo. A typical backup will reload in under 5 seconds.

- No additional hardware required
- No special formats
- Super reliable
- Remember this is not a system where files have to be converted – with action replay you simply save directly into Warp 25 status – reload in seconds
- Backup all your existing programs to load at unbelievable speed!!
- Because AR4 has on board ram it can also load commercial disks directly at 25 times speed.

This is unique to Action Replay!!

• Warp Save/Load Available straight from Basic.

❑ Plus unique Code Cracker Monitor

- Freeze any program and enter a full machine code monitor
- Full Monitor Features – Disassemble, Hex, Find, Jump, Compare, Replace, Two Way Scroll, Full Disk Load/Save, Printer Support etc. In fact all usual monitor commands plus a few others.
- Because of Action Replay's on Board Ram the Frozen program can be looked at in its ENTIRETY. – In its Frozen state That means Video Ram, Zero Page etc. and remember you see the code in its Frozen state not in a Reset state as with competitors products.
- Restart the program at any point.
- No corruption
- An absolute must for the program Hacker – make changes and see your result's instantly!

POWERFUL DESIGN WITH ON BOARD VLSI LOGIC PROCESSOR CHIP PLUS 40K OF ON BOARD ROM/RAM!

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❑ Compactor: Efficient compacting techniques – 8 programs per disk side – 6 programs if you use both sides.

❑ Single File: All programs saved as a single file for maximum compatibility.

❑ Utility Commands: A host of additional commands: Automon, Append, Old, Delete, Linesave, Printer, List.

❑ Screen Dump: Print out any Screen to Host or Printers. 16 Gray Scales, Double size print options.

❑ Unstoppable Reset: Reset button to Retrieve System and Reset even so called Unstoppable Programs

❑ Fully Compatible: Works with 1541/C, 1581, 1571 and Datacassette with C64,128, 128D (in 64 Mode)

❑ Compatible: With Fast DOS and Turbo Rom Systems

❑ Disk Utilities: Fast Format, Directory, List, Run and many other key commands are operated by Function Keys

❑ Unique Restart: Remember all of these utilities are available at one time from an integrated operating system. A running programme can be Frozen to enter any Utility and the program is restarted at the touch of a key – without corruption.

LSI Logic Processor: This is where Action Replay IV gets its power. A special custom LSI chip designed to process the logic necessary for this unmatched Freeze/Restart power. No other cartridge has this power!

❑ Action Replay Graphics Support Disk

To help take advantage of action replay's unique power to freeze any screen and save it into your favourite graphics package we have prepared a suite of graphic support facilities.

- Screen Viewer View screens in a "slide show" sequence – joystick control simple to use.
- Message Maker Add scrolling messages to your saved screens with music, very easy to use.
- PreSprite A full sprite editor: modify/save/load feature, full edit facilities.
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CENTRONICS PRINTER LEAD

- ❑ Take full advantage of Action Replay or Final Cartridge screen dump features with this centronics lead.
- ❑ Connects user port to any full size Epson compatible printer.

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❑ SUPERCRUNCHER

- ❑ A utility to turn your Action Replay into a super powerful program compactor. Reduce programs by up to 50%! Save disk space and loading times. Can even further compact programs already crunched by Action Replay's own compactor.

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NOW WITH RAMLOADER™
❑ Not only can Action Replay load your backups at 25 times normal speed – now with the new RAMLOADER feature you can also load most of your commercial originals at 25 times speed!!
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- FILES - a huge range of utilities all built into this one cartridge... including:
 - Presser option to freeze and copy most any memory resident program.
 - Full machine code monitor with all the usual commands and more.
 - Unique picture print dump - compressed/ enlarged.
 - Plus other effects.
- Fast loader - loads commercial software at up to 15 times normal speed.
- Range of desk-top type tools - clock, calculator, desktops etc. etc.
- Final Cartridge 3 is a superb utility cartridge with an added bonus of a freezer function.

ONLY \$54.99

TOOLKIT IV

The ultimate disk toolkit for the 1640/1641

- A disk toolkit is an absolute must for the serious disk user. Toolkit IV has more features than most for less.
- DISK DOCTOR V2 - Read and write any track and sector including extra and remastered tracks. Repair damaged sectors. Look underneath, read errors.
- HEADER/GAP EDITOR - Decoder and displays ALL header information including off bytes and header gap. Rewrite the entire header and header gap. Remaster sectors. Also edit any sector tail gap.
- DISK LOOK - Sort directory. Recover lost files. Display file start/end addresses. Disassemble any file program directly from the disk to SCREEN or PRINTER including undocumented opcodes. Edit Ram. Much, much more.
- FILE COMPACTOR - Can compact machine programs by up to 50%. Saves disk space. Compacted programs run as normal.
- FAST DISK COPY - Copy an entire disk in 2 minutes or less using single 1641.
- FAST FILE COPY - Selective file copy. Works at up to 6 times normal speed.
- FORMATTER - 10 second format an entire disk or format any individual track or half track 0 to 41. Redefine any of 30 parameters to create or recreate unique disk formats.
- ERROR EDIT - Quickly find and recreate all read errors including extra and remastered tracks or sectors and half tracks from 0 to 41. Even recreates data under errors and allows you to redefine any necessary parameters.

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- Full 8 bit D to A & ADC conversion.
- Midi compatible with suitable Midi interface.
- (see Ad)
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- Complete hardware/software package.

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MIDI 64

- Full specification MIDI interface at a realistic Price.
- MIDI IN
- MIDI OUT
- MIDI THRU
- Compatible with most leading MIDI software.

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Turbo Rom II is a replacement for the actual kernel inside your 64. It provides superfast load/save routines.

- Loads/Saves most programs at 5-6 times normal speed.
- Improved DOS support including 10 sec format.
- Programmed function keys:- load, directory, old, etc.
- Return to normal kernel at flick of a switch.
- PCOPY - 250 block file copier.
- FLOAD - special I/O loader.
- Plus lots more.
- Fitted in minutes - no soldering usually required. (On some 64's the old ROM may have been desoldered).

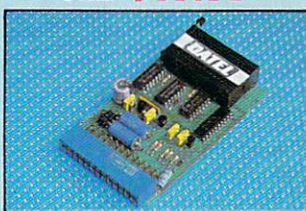
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- Fully menu driven on power up.
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- Accepts 2764/27128/27256 EPROMs.

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- Full feature system - all functions covered including device check/verify.
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- Ideal companion for Superom Board. Cartridge development System, our kernel expanders or indeed any EPROM base project.
- Comes complete with instructions - plus the cartridge handbook.

ONLY

\$69.99 COMPLETE

DEEP SCAN BURST NIBBLER™

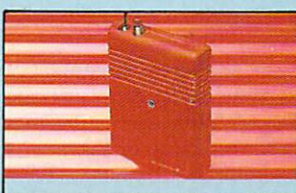
- The most powerful disk nibbler available anywhere, at any price!
- Burst Nibbler is actually a two part system - a software package and a parallel cable to connect the 1541/1570/1571 to 64/128 (state type).
- What gives Burst Nibbler its power? Conventional nibblers have to decode the data from the disk before it can transfer it using the serial bus - when non standard data is encountered they are beat. Burst Nibbler transfers data as raw GCR code via the parallel cable without the need to decode it so you get a perfect copy of the original.
- Will nibble up to 41 tracks.
- Copy a whole disk in under 2 minutes.
- Full instructions.
- Regular updates - we always ship the latest.
- Fitted in minutes - no soldering usually required.
- Full or 1/2 tracks.
- No need to buy parallel cable if you have Professional DOS etc.
- Cable has thru extension for other add ons.

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SOFTWARE ONLY \$19.99 CABLE ONLY \$19.99
BURST NIBBLER PARAMETER DISK

- Burst Nibbler is the most powerful Nibbler around - but even the best can be better. This disk contains dozens of parameters specially written for the protection schemes impossible to Nibble. These are mainly "V-max" and "Rapidlock" and include titles such as "Defender of the Crown", "Gambit" etc.
- Regularly updated to include any new titles.
- This disk is by no means a necessity - the standard Burst Nibbler will copy 96% of software as is - if you want to go to the limits, this is the product for you!

ONLY \$14.99



SMART CART

- NOW YOU CAN HAVE A 32K CARTRIDGE THAT YOU PROGRAM LIKE RAM THEN ACTS LIKE ROM!
- 32K pseudo ROM - battery backed to last up to 2 years (lithium battery).
- Simply load the program you require - then flick the switch. The cartridge then acts like a ROM cartridge and can even be removed.
- Make your own cartridges - even auto start types, without the need for an Eprom burner.
- Can be switched in/out via software.
- 1/02 slot open for special programming techniques.

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DUPLIKATOR

- Duplikator is a mass disk copier ideal for clubs, user groups etc.
- Comes with 256K on board RAM and it's own built-in operating system - no software to load.
- Makes entire backups in 8 seconds!
- Multiple copies from one original - over 250 disks per hour. Full verify option.
- Optics up to 40 tracks and can cope with standard disk errors 21.52.
- The most price effective method of mass duplication available.

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- Streamline extra low profile unit - only 6" long!
- Top quality NRC drive mechanism.
- Throughport allows daisy-chaining other drives.
- A superbly styled case finished in amiga colours.
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- Good length cable for positioning on your desk etc.
- Complete - no more to buy.

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ONLY \$299.99 DUAL



MIDIMASTER

- Full Midi Interface for A500/2000/1000 (Please state model).
- Compatible with most leading Midi packages (inc. D/Music).
- Midi In - Midi Out x 3 - Midi Thru.
- Fully Opto Isolated/Full MIDI.

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EDITOR'S NOTES

Whether or not you received your computer as a present, the machine is one gift that keeps on giving. That's nowhere more in evidence than in this special holiday edition of our *Commodore Buyer's Guide*.

More than five years after its introduction, the Commodore 64 remains the focus of exceptional amounts of software development. The tasks we set for ourselves were to track down every piece of software available for the machines and to arrange that information so it would be as easy to use as possible.

Did we succeed? We've found more than 1200 software packages for the Commodore 64 and 128. That's more than 1200 opportunities to have fun, enhance productivity, learn new subjects. In an age when so many resources are dwindling rapidly, the 64 and 128 continue to be replenished.

This situation hasn't occurred by accident. Because the Commodore machines have been embraced by millions of people, there's a big impetus for developers to serve the market. And because so many developers are serving the Commodore market, there's even a greater need to bring out the best possible products.

The result? A shopper's paradise for Commodore 64 and 128 owners. As these pages show, there are programs for every age, taste, and inclination. Whether you want to pilot a starship or write a program, compose a symphony or maintain a recipe list, learn a foreign language or play good old American baseball, there's something here for you. I've come to think of this Buyer's Guide as the ultimate Commodore Wish List, in fact.

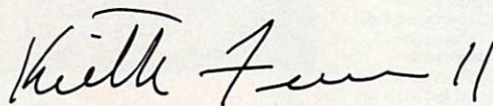
A resource such as this is only as good as its organization. As our table of contents shows, we've divided the programs into a variety of categories, and we've created subcategories where necessary. Within each subcategory, the programs are arranged alphabetically and include the name of the publisher/distributor along with information on price and machine requirements. To make it even easier for you to find that specific product, there's a comprehensive index at the back of the magazine. Let us know if this format suits your needs.

I think it will. In fact, I think the listings not only serve as a resource, but also offer the opportunity for idle hour browsing. It's fun to see how many flight simulators have been produced, informative to find out how many languages can be learned on the 64. The array of software arranged here is impressive by anyone's standards.

The thoroughness of this magazine, and all of our Buyer's Guides, is attributable to Caroline Hanlon, our Buyer's Guide Coordinator. Caroline's unflagging commitment to organization can be seen on every page of this Guide, as well as in the specific Buyer's Guides she puts together for *COMPUTE!'s Gazette*, our monthly Commodore magazine.

Anyone who watches this industry knows that computers come and go, but the Commodore 64 and 128 seem destined to last forever. So sit back this holiday season, get out a pencil, and work your way through the ultimate Commodore Wish List.

The very best of wishes for a happy and healthy holiday season.



—Keith Ferrell, Buyer's Guide Editor

COMPUTE!'s Commodore BUYER'S GUIDE

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A Commodore Carol

'  is the holiday season of 1988
And for Commodore owners the prospects are great.

More software than ever, of all types and kinds—
Word processors with 40 columns, and 24 lines . . .
Spreadsheets and databases for info galore
Utilities, paint packages, communications—and more!
All of it coded and programmed with glee
To make your machine useful as useful can be.

(128s, too—make no mistake about that,
They've stuck with both models since times were fat,
And through times that were lean,
Commodore's kept on making machines
For users young and users old,
Users nervous . . . and users bold.)

And then there are games,
The packages for play.
Entertainment and adventures to
Keep boredom at bay.
Flight simulators and sports games and fantasy roles
Filled with airplanes and baseballs, witches and trolls.

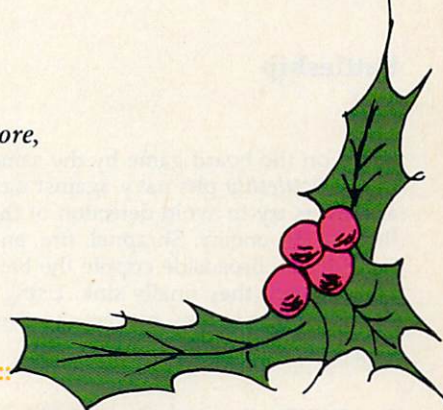
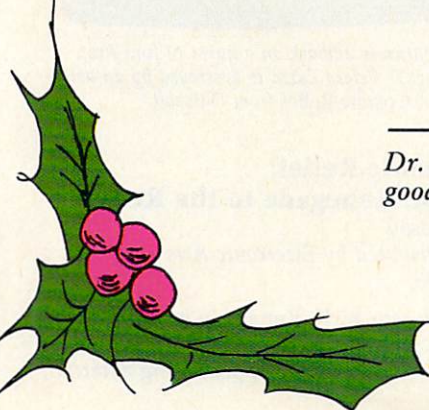
And now there are millions and millions of these
Computers showing owners that computing's a breeze!
There never have been, there never will be
Friendlier computers than those marked C-
64 and 128,
Whose reputation is justifiably great.

Some software is classic; it's been around for a while . . .
While new packages keep coming and earning new smiles.
The machines that the software is intended for
Are of course the computers from Commodore,
The Business Machine folks in West Chester PA,
Who've been making 64s for many a day.

So when you boot up this fine holiday season,
Ignore these rhymes that have so little reason,
And look instead at the source of our pride—
The more than 1100 listings in this buyer's guide.
(And for all the Commodore news you can get,
Be sure to subscribe to *COMPUTE!'s Gazette*.)

Happy Holidays!

— Keith Ferrell (with apologies to Clement Moore,
Dr. Seuss, and anyone else who doesn't appreciate
good poetry. Believe me—it coulda been verse.)



GAMES

ADVENTURE

For further information, circle
Reader Service Number 200.

Adventure Construction Set

Electronic Arts
14.95

Adventure enthusiasts can create their own adventure games with the *Adventure Construction Set*. This program contains seven tutorial adventures and one complete adventure. Original adventures with up to 240 rooms and 7500 props can be created by choosing from a variety of title screens, magic effects, creatures, maps, and 30 different musical themes and sounds. There's also a finish option that allows the program to finish designing an adventure according to the theme—science fiction, spy/mystery, or fantasy.

Adventure Creator

Spinnaker Software
6.95

Adventure Creator can be used to design customized computer adventure games. Features to add include booby traps, menacing creatures, mazes, and rooms.

Airborne Ranger

MicroProse
34.95

In this adventure game, the player parachutes behind enemy lines to carry out 12 different missions in three regions of the world. Armed with an M-16 rifle, bayonet, LAW rocket, and time bomb, the player attempts to rescue prisoners, blow up supply dumps, outwit the enemy, and escape without being killed or taken prisoner. The action takes place on a 3-D, scrolling screen of terrain.

Battleship

Epyx
29.95

Based on the board game by the same name, *Battleship* pits navy against navy as players try to avoid detection of their fleet by the enemy. Shrapnel, fire, and holes in the broadside cripple the battleships until they finally sink. Using the Salvo Fire option, players can fire only four shots per remaining ship.

Two or more players may also compete in the tournament play. *Battleship* contains digitized sound effects and color graphics.

Beyond the Forbidden Forest

Cosmi
19.95

The sequel to *Forbidden Forest*, *Beyond the Forbidden Forest* features Omni-dimension 4-D graphics.

Bop 'n Rumble

Mindscape
29.95

It's the big city, and all the grannies have to be protected from bag ladies, apes, a fat man, rap dancers, and other city dwellers. The player's job is to protect the grannies, without hitting them, and gain supremacy over all the urban antagonists. The game features graphics, animation, and sound effects.

Boulder Dash Construction Kit

Epyx
19.95

Players can play one of the 15 preprogrammed games or design their own games using the *Construction Kit*. Games are built with boulders, growing walls, butterflies, amoebas, an entrance, an exit, and diamonds. The object of the games is to mine as many diamonds as possible and escape the caves and intermissions before time runs out. The caves are four screens large, and the intermissions cover one screen; players can earn bonus points if they make it to an intermission. This is part of the Maxx-Out series for 10-14 year olds.

Cauldron

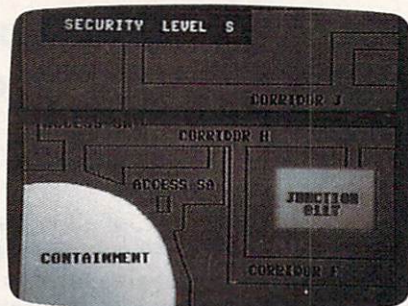
Brøderbund
color monitor
14.95

Cauldron is a two-part action game with over 190 scenes. In the first part, the player is a witch queen in search of her golden broom which has been stolen by the pumpkin. In the second game, the players take the part of the pumpkin warrior who must destroy the witch queen. In both games, the object is to collect ingredients to brew a magic spell in the cauldron.

The Chase on Tom Sawyer's Island

Hi Tech Expressions
joystick optional
10.99

Tom Sawyer tries to outrun Aunt Polly, Injun Joe, and an angry bear. If he escapes, he wins the game and goes fishing. If he is caught, he must finish whitewashing Aunt Polly's fence. Part of the Walt Disney Magic Kingdom Software series.

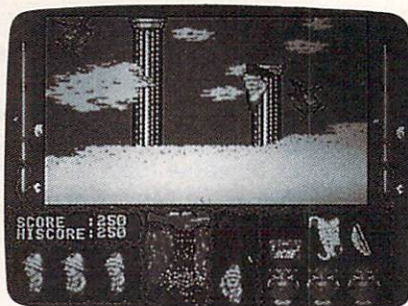


In *Chernobyl* from Cosmi, the player is in charge of preventing potential disasters at a nuclear power plant.

Chernobyl

Cosmi
24.95

The user and his or her computer control a nuclear-power reactor and try to avert disaster. How users respond and in what sequence determines the outcome.



Adventurers embark on a quest to find Prof. Renegade before Earth is destroyed by an asteroid in *Cosmic Relief* from Datasoft.

Cosmic Relief: Prof. Renegade to the Rescue

Datasoft
Distributed by Electronic Arts
24.95

Professor K. K. Renegade is the only one who can save Earth from total obliteration by an approaching asteroid.

GAMES

but he can't be found. The player chooses one from a group of internationally famous adventurers to help in the search for the professor. During the quest, the adventurers are confronted by bizarre creatures and acid storms, and they must rely on objects such as vacuum cleaners, teacups, and unicyles. After finding the professor, the group must build an antiasteroid deflector.

Deathlord

Electronic Arts
29.95

The player must travel through 157 dungeon levels. The Deathlord has a plot to execute the Emperor and claim the Koan Empire. As a warrior, the player must stop him.

Defender of the Crown

Cinemaware
34.95

In this adventure, the player takes the role of a swordsman and military leader in medieval England. The player must lead the Saxon knights against the Norman invaders to defend England and end the civil war.

Deja Vu: A Nightmare Comes True

Mindscape
34.95

Players find themselves in a vaguely familiar situation, but they remember nothing. There has been a murder and it has been pinned on the player's character. The object of the game is to collect clues, solve the mystery, and clear the player's character of murder.

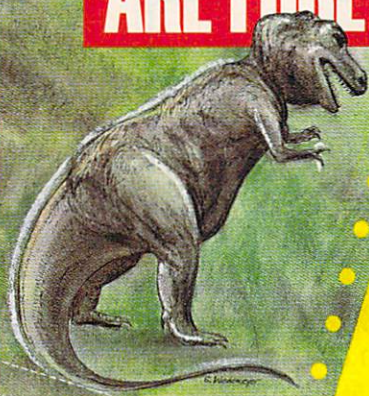
Demon Stalkers: The Raid on Doomfane

Electronic Arts
29.95

This three-dimensional action adventure combines 100 levels of dungeon mazes and a construction set for creating custom challenges. One or two players must locate and battle the demon Calvrak who hides at the bottom of a 99-level catacomb guarded by rats, snappers, dervishes, mad mages, and ghosts. Objects must be picked up along the way to aid in the journey and destruction of Calvrak. The construc-



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The *Disney Arcade Classics* are a collection of 16 action, skill, and strategy games based on rides at Disney theme parks. The games contain color graphics and music. Titles include Big Thunder Mountain, Jungle Cruise, Matterhorn Climb, and Tom Sawyer's Island. Each title is sold separately for \$12.99.

Dragon's Lair

Electronic Arts
24.95

Dragon's Lair is based on the videodisc arcade game of the same name. The program contains two adventures on one double-sided disk. In both scenarios, players assume the role of the hero, Dirk the Daring. In the first adventure, players must duel Singe the Dragon and rescue the Princess Daphne. The second adventure involves the capturing of gold from the Lizard King and the escape from his castle.

Dungeons of Doom

Harvsoft
14.95

Players must make their way through 40 levels of dungeons filled with treasures, monsters, and challenges. Ladders, ropes, and poles help players escape their assailants, or dynamite charges can be set to blow them up.

Eye of the Inca

Free Spirit Software
19.95

Eye of the Inca is a collection of four text-adventure games. In *Eye of the Inca*, the player must find the giant diamond hidden inside the ancient Incan temple. The player is a castaway in the South Seas in *Shipwrecked*. In *Son of Ali Baba*, the player must stop an evil magician and defeat his army of monsters. And the search is on for the jewels from King Solomon's mines in *Perils of Darkest Africa*.

The Faery Tale Adventure

MicroIllusions
Distributed by Mediagenic
49.95

Players travel through more than 17,000 surface screens and another 2,000 screens underground and on an astral plane in this graphic adventure. The object of the game is to join the quest of three brothers as they encounter dragons, wizards, and princesses. Features include music and sound effects.

Gamma Force in Pit of a Thousand Screams

Infocom
Distributed by Mediagenic
12.00

One of four programs in the Infocomics series, *Gamma Force* is an action-packed superhero tale featuring a trio of brave aliens. Players can view the story through the eyes of any of the main characters. Only four keys are needed to view the story, and the comic's pages turn automatically.

Ghostbusters

Solid Gold Software
Distributed by Mediagenic
14.95

In this game based on the motion picture of the same name, the player is challenged to build a business and stop a supernatural disaster before it destroys New York City.

G.I. Joe

Epyx
19.95

Players must check the computerized world hot-spot map for areas of COBRA activity and find an area that needs help. One of 16 G.I. Joes must be selected for the job and deployed for ground maneuvers or hand-to-hand combat.

Great British Software

Thunder Mountain
Distributed by Mindscape
9.95

Three adventure games are included on this one disk. *Brian Bloodaxe* contains over 100 screen, each with a puzzle that must be solved before Brian can

GAMES

find the crown jewels and take over the throne. At the end of *Revelation*, the monster of the Apocalypse waits for the adventurer. And in *Quovadis*, the player searches for the scepter of hope to defeat the dark lord and free mankind. This game has over 1000 screens.

Guild of Thieves

Rainbird

Distributed by Mediagenic
\$39.95

Guild of Thieves, the sequel to *The Pawn*, is an illustrated adventure that takes place in the mythical kingdom of Kerovnia. The program combines dialogue, graphics, humor, and puzzles. Players are supplied with a 40-page novella, a Bank of Kerovnia credit card, an Indenture and Contract of Service Certificate, dice, and play guide.

Hacker

Solid Gold Software

Distributed by Mediagenic
\$14.95

The player accidentally logs on to a major corporation's private computer and uncovers files of top-secret, classified information. The player must determine how to proceed through the system and what to do with the information. No clues or rules are provided.

Hacker II:

The Doomsday Papers

Solid Gold Software

Distributed by Mediagenic
\$14.95

As in the original *Hacker*, there are few rules or instructions in this game in which the object is to locate and recover documents, known as the Doomsday Papers, stolen from the government. Users are provided with the MSFM Operational Manual which contains top-secret intelligence-gathering information. The game simulates a computer break-in and relies on the user to decide what to do with the clues he or she discovers.

Impossible Mission II

Epyx

\$39.95

Elvin, the malicious mastermind, returns with a plot to take over the world in the twenty-fifth century. Elvin is



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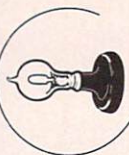
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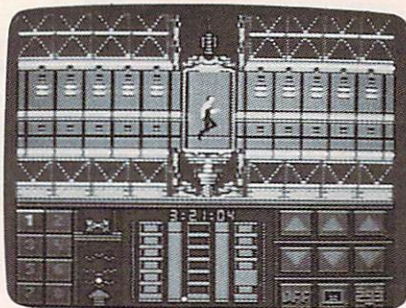
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based in a high-tech office complex filled with dark tunnels, surveillance cameras, human-seeking suicide robots, and time bombs. Players must collect secret code numbers to access the control room and defeat Elvin. There are eight towers to search, each with varying degrees of difficulty and individual themes. Coded pieces of music and a pocket computer map can help guide the players through the fortress.

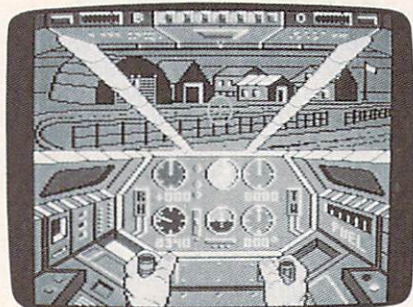


Players search through eight towers to find the secret codes that will enable them to enter the control room in *Impossible Mission II*.

Infiltrator

Mindscape
 29.95

Captain Johnny "Jimbo Baby" McGibbits is the infiltrator, and his mission is to stop the Mad Leader and his plans of war. This game simulates helicopter flight, complete with an instrument panel display on the screen. The captain's other claims to fame include being a ballistics expert, neurosurgeon, rock star, and motorcycle racer, as well as having a nifty haircut.



As Captain Johnny McGibbits, the player pilots a helicopter to stop the Mad Leader and save the world from destruction in *Infiltrator I*.

Infiltrator II

Mindscape
 34.95

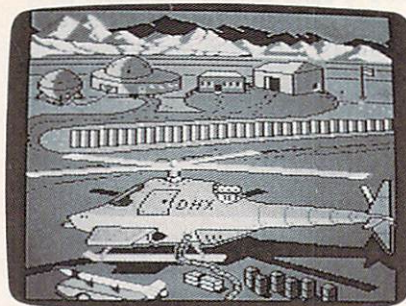
Captain Johnny "Jimbo Baby" McGibbits is back, hunting for the Mad Lead-

er to try and stop his war plans. In this simulation, the player can fly a Gizmo DHX-1 Attack helicopter on three land-based missions. Each mission is more difficult than the previous, and a new mission cannot begin until the first is completed.

Intrigue!

Spectrum HoloByte
 29.95

The player races against the clock to find his or her brother before a device releases a deadly virus into the Washington, D.C. atmosphere. Then, the player must determine who the villain is. There are over 2000 possible solutions to the mystery.



Captain Johnny McGibbits returns in *Infiltrator II* with his Gizmo DHX-1 Attack helicopter to defeat the Mad Leader.

James Bond 007: The Living Daylights

Mindscape
 29.95

Based on the movie of the same name, *The Living Daylights* gives players the assignment of arranging the defection of General Koskov of the KGB. Players must be careful, because Koskov is cunning and must be watched closely.

Jinxter

Rainbird
 Distributed by Mediagenic
 34.95

Jinxter is set in modern day Aquitania, which is protected by a magical charm bracelet. A secret society of Green Witches is trying to whittle away Aquitania's good fortune. Once the luck is gone from the bracelet, something has to be done to defeat the Green Witches. Players have to locate and link together the seven charms of the bracelet. Along the way, players encounter other characters and magical spells. The game's

parser allows players to string together multiple sentences of commands and instructions. A play guide comes with the game package.

Karateka

Broderbund
joystick optional
14.95

The martial arts warrior Karateka must rescue his princess Mariko from the warlord Akuma or die. This game uses high-resolution graphics, color animation, and a scrolling background for authentic karate moves and hand-to-hand combat.

Knight Games

Mastertronic Int.
9.99

Players must battle other knights of Medieval England in this adventure game. Types of weapons include the sword, ax, staff, ball and chain, longbow, and crossbow.

L.A. Crackdown

Epyx
39.95

The third title in the Masters Collection line, *L.A. Crackdown* offers players a chance to breakup a major drug ring. Players take the role of a senior detective training a young rookie as they stake out the Pacific Shipping Company and gather evidence. Evidence gathering includes photographing clues, planting bugs, tailing people, and questioning underworld characters. The rookie is observed through two cameras mounted in a surveillance van. The rookie doesn't always follow the instructions of the senior detective—sometimes he gets into trouble, and sometimes he quits. The outcome of the game is influenced by how much the rookie learns from his supervisors.

Lane Mastodon vs. the Blubermen

Infocom
Distributed by Mediagenic
12.00

One in the series of Infocomics, *Lane Mastodon vs. the Blubermen* features Lane Mastodon who is an accountant turned superhero. He must save humanity from the Blubermen of Jupiter.

Players can follow any character's path through the story line and can change characters whenever their paths meet.

The Last Ninja

Activision
Distributed by Mediagenic
34.95

The last ninja seeks to avenge the murders of his fellow ninjas and retrieve their stolen secrets from Shogun Kunitoki. This game, based on an ancient legend, features 130 screens of 3-D color graphics, over 1000 animated figures and objects, and six movie-score soundtracks. The ninja uses his weapons—staff and sword, shuriken stars, numchukas, and magic—to battle Samurai henchmen, martial arts masters, dragons, and beasts.

The Legend of Blacksilver

Epyx
39.95

One of the Epyx series The Masters Collection, *The Legend of Blacksilver* takes players to a world where floods can submerge continents and earthquakes can raise new ones. The new world is ruled by the evil Baron of Bantross whose power comes from a rare mineral, Blacksilver. Players must travel through dungeons and halls while avoiding obstacles along the way.

Lode Runner

Broderbund
joystick optional
14.95

A Galactic commando searches for stolen treasures by running, jumping, drilling passages with a laser gun, and solving puzzles. There are 150 game screens plus a game generator to design new game boards.

Lords of Conquest

Electronic Arts
14.95

Based on the board game, *Borderlands*, *Lords of Conquest* takes place in yearly cycles with four or five phases. One to four players choose a home territory and then protect it from invasion while trying to conquer other territories. To win the game, a player must build three cities and protect them for a year. The game is played on a map that can be

modified, or players can use the map generator to design their own maps.

Magic Madness

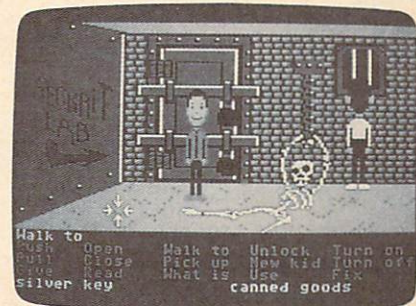
Artworx
joystick
19.95

The player must disarm a group of guards and find four magic scrolls hidden by magicians. Each guard is vulnerable to one particular weapon, which the player must discover. The final scene is a battle between the player and Colo, the wicked sorcerer who killed the magicians.

Maniac Mansion

Lucasfilm Games
Distributed by Mediagenic
joystick
34.95

Sandy is held captive in the mansion of Dr. Fred, mad scientist, and three characters are selected to rescue her. Saving Sandy depends on which characters the player chooses and how he or she gets through the mansion. The mansion contains over 55 rooms filled with objects like man-eating plants, cattle prods, and mutants.



Maniac Mansion contains more than 55 rooms filled with strange objects and characters.

Matterhorn Screamer

Hi Tech Expressions
joystick optional
10.99

Players try to guide Goofy to the top of the Matterhorn to capture the Disney flag at the top. As they scale the mountain, players must dodge mountain goats and abominable snowmen and leap in and out of moving trams and bobsleds. Part of the Walt Disney Magic Kingdom Software series.

The Movie Monster Game*Epyx*
19.95

With this game, a player chooses a monster from the movies, such as Godzilla, and picks a city—New York, Tokyo, London—to terrorize. He or she can trample, burn, crush, and rescue, but must also deal with pedestrians, helicopters, and the Armed Services.

Murder on the Atlantic*Intracorp*
34.95

The player sets sail in the year 1938 on the luxury liner, S.S. Bourgogne for a restful cruise. However, a murder on board the ship turns 40 people into suspects and the player into a detective. The detective must search the ship's 600 salons and staterooms, look for 22 clues, decode locks and messages, and interview the suspects in order to solve the mystery. Each package includes an entry form with 16 questions to answer for the \$500,000 prize giveaway promotion by Intracorp. First prize in the contest is \$10,000. The giveaway ends December 31, 1988.

Ninja*Mastertronic*
9.99

The player must rescue seven jade idols from the evil Akuma and his henchmen and return the idols to the village of Tambo Machi. The success of this endeavor depends on the Ninja skills of the player.

Pilgrims Progress*Chipmunk Software*
19.95

Pilgrims Progress is a text adventure game based on the novel.

Pirates!*MicroProse*
39.95

As captain of a seventeenth-century pirate ship, the player searches the Caribbean for treasures, Spanish ships, and cities to plunder. He or she must develop skills in sailing, sword fighting, battle tactics, trading, and navigation to survive. There are over 70 graphic scenes and pictures, including a map of the Caribbean. Difficulty levels vary for beginners and more experienced players.

Police Cadet*Artworx*
14.95

As a police cadet, the player can learn to control crime, capture snipers, and chase down armed suspects without injuring innocent citizens or other police officers. A report card at the end of the game shows how the player performed and whether he or she has passed the training course. The game features high-resolution graphics and sound. For players eight years old and older.

Predator*Activision*
Distributed by Mediagenic
29.95

Adapted from the Arnold Schwarzenegger film of the same name, *Predator* places the player in the role of leader of an elite military rescue team. The player's mission is to battle through the jungles of South America and rescue U.S. diplomats from terrorists. Once the commando unit has been destroyed, players find themselves being stalked by an alien manhunter. Weaponry available to players includes machine guns, hand grenades, and flamethrowers.

The President Is Missing*Cosmi*
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A 30-minute audio cassette contains the demands of a group of Middle Eastern terrorists who have kidnapped the president of the United States and other members of an economic summit. The player must study the cassette to uncover clues to the crime. The player is also in control of the central computer of the counterterrorist branch of the CIA. Additional plots may be uncovered while players try to rescue the president. The game can be saved for later play.

Revenge of the Moon Goddess*Free Spirit Software*
19.95

This package contains four text adventures. The player searches for the lost City of the Sun and its golden idol in *Revenge of the Moon Goddess*. *Frankenstein's Legacy* involves cadavers, deserted old mansions, cemeteries, abandoned

windmills, and werewolves. In *Night of the Walking Dead*, the player must find the grave of Aunt Bedilia in a cemetery at the edge of a Louisiana bayou. *The Sea Phantom* is a story of ghost ships, sea caves, haunted mansions, and restless spirits on the stormy Atlantic.

Rockford*Arcadia*
Distributed by Electronic Arts
29.99

Rockford, the world's greatest archaeologist, guides the players on five expeditions to places such as the Cavern of Craymar to look for the pharaoh's gold pieces, the seas of Tiresius off the coast of Mexico, and the kitchens of Kyssandra in search of the Apples of Eternal Youth. Strategy and speed are required to collect the treasures and avoid obstacles such as falling rocks, monkeys, fish, and poisonous snakes. There are four levels of difficulty.

Rush 'n Attack*Konami*
joystick optional
29.95

Ambushes, guerrillas, bazookas, flamethrowers, and a fleet of choppers try to stop the player from rescuing dozens of POWs hidden in an enemy camp. For one or two players.

Shogun*Mastertronic*
9.99

Based on the book by James Clavell, *Shogun* is an interactive adventure game in which the player takes the role of one of 40 characters battling for control in medieval Japan.

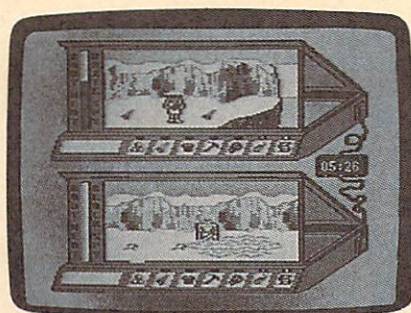
Sinbad and the Throne of the Falcon*Cinemaware*
34.95

As Sinbad the Sailor, the player undertakes a sea quest to help a princess. Along the way, the player encounters pirates, genies, romance, heartbreak, comedy, and tragedy, and his or her skills as swordsman, leader, and navigator are tested.

The Spy's Adventures Around the World

Polarware Software
17.95 each

This series of games for one to six players offers adventure as well as education. In each game, players learn about a part of the world while they search for Dr. X, gather clues, and interview informants. Versions are available for North America, Europe, South America, and Asia. Each program is sold separately.



Two players race across the Arctic to reach a one-man rocket in Spy vs. Spy III.

Spy vs. Spy, Volumes I and II

Avantage
Distributed by Accolade
14.95

The spies use tricks such as booby traps, time bombs, and buckets of water to find hidden items, and the Simulvision and Simulplay features help follow the spies in their endeavors. The game is based on MAD Magazine's black-and-white cartoon characters. Two volumes of the game are available on one disk.

Spy vs. Spy III: Arctic Antics

Epyx
19.95

The players control two spies as they race across the ice and slush of the arctic to reach a gyroscope, fuel canister, and one-man rocket. Each spy tries to stop the other with TNT, falling icicles, and other polar obstacles. Designed for 10- to 14-year-olds as part of the Maxx-Out series.

Telengard

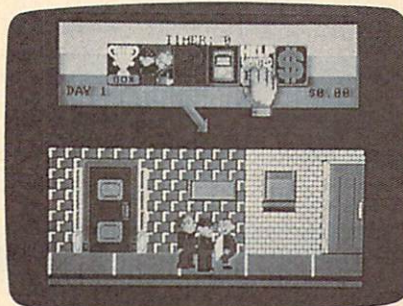
Avalon Hill
28.00

In this game, the player creates a character who searches through Castle Telengard, discovering monsters, treasures, and magical items. There are 50 levels of dungeons, and the players possess varying strengths and weaknesses.

Temple of Apshai Trilogy

Epyx
19.95

A trilogy, this adventure begins in the Temple of Apshai where the player must develop experience and strength to face future challenges. In the Upper Reaches of Apshai, the player meets mazes, monsters, and magic. The player then moves on to Egypt where he or she must face the Curse of Ra. There are almost 600 dungeons and dark places in the complete adventure.



The wacky adventures of Larry, Curley, and Mo are relived in Cinemaware's The Three Stooges.

The Three Stooges

Cinemaware
34.95

The Three Stooges try to save an orphanage from a banker who wants to foreclose. They must rescue the old lady who runs the orphanage and her three daughters. The program contains color graphics and animation, and the digitized voices and sound effects are from classic Stooges films.

Where in the USA Is Carmen Sandiego?

Broderbund
joystick optional
39.95

Carmen Sandiego returns to the U.S. with her gang of thieves to steal na-

tional treasures. Players chase the gang across all 50 states to gather clues and learn about America's cities, coastlines, mountains, rivers, lakes, and history. There are 16 suspects and 1500 clues. Fodor's USA travel guide is included. For adults and children.



Carmen Sandiego leads her pursuers to various scenic and historic spots of the United States in Where in the USA Is Carmen Sandiego?

Where in the World Is Carmen Sandiego?

Broderbund
joystick optional
34.95

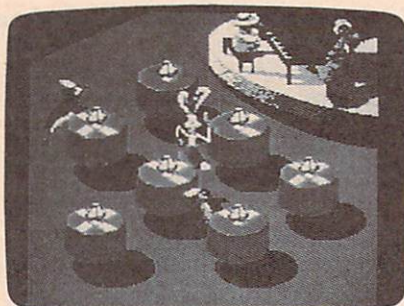
The players follow Carmen Sandiego and her gang of thieves around the world, trying to solve their mysteries while learning about world geography at the same time. The crime computer helps organize the clues, and the World Almanac provides information on the cities and countries visited. There are ten suspects in 30 cities with over 1000 clues. For both children and adults.

Who Framed Roger Rabbit?

Walt Disney Company Through Bueno Vista Software
Available in retail stores nationwide
joystick optional
29.95

In this game based on the Walt Disney movie, Judge Doom tries to prevent Roger Rabbit from finding Marvin the Gag King's will and ultimately saving Toontown. The computer version is actually three games in one, each with multiple skill levels, music, sound effects, and animated color graphics.

GAMES

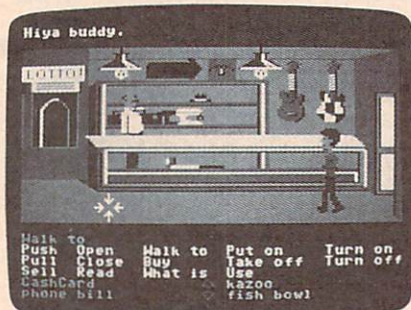


Roger Rabbit and his pals race against time to find Marvin the Gag King's will in *Who Framed Roger Rabbit?*

Zak McKracken and the Alien Mindbenders

Lucasfilm Games
Distributed by Mediagenic
34.95

Zak McKracken is a journalist for the tabloid, the National Inquisitor. He has discovered an alien plot to reduce everyone's I.Q. to single digits. Zak enlists the help of two Yale coeds and an occultist. They must search the Earth and beyond for clues, allies, and ancient artifacts. Their ultimate goal is to unmask the aliens and unplug the stupidity machine. The game features cut scenes that show what is going on elsewhere. Other features include a no-typing interface. Players can just point and click to select characters, objects, and actions.



Zak McKracken encounters a number of strange beings as he searches for a group of aliens and their stupidity machine.

ZorkQuest: Assault on Egreth Castle

Infocom
Distributed by Mediagenic
12.00

In *ZorkQuest*, a caravan of travelers are manipulated by an evil magician. This fantasy adventure is one of four avail-

able Infocomics. Users can choose which major character to follow through the story line and change characters when their paths intersect. One in the series of Infocomics.

ZorkQuest: The Crystal of Doom

Infocom
Distributed by Mediagenic
12.00

The Crystal of Doom is the fourth title in the Infocomics series. This fantasy adventure is the sequel to *ZorkQuest: Assault on Egreth Castle*.



An evil magician manipulates a group of travelers in Infocom's *ZorkQuest: Assault on Egreth Castle*.

ARCADE

For further information, circle Reader Service Number 201.

Alcon

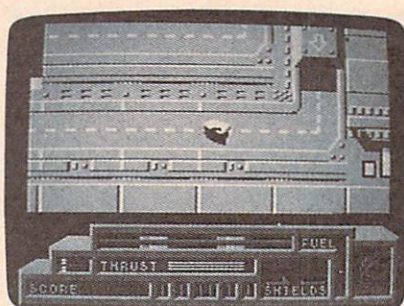
Taito
joystick
29.95

The planet Orac is occupied by aliens, and the player has been chosen by the Allied League of Cosmic Nations (ALCON) to drive them out using a top-secret, experimental SW475 Starfighter.

Alien Destruction Set

Scorpion Software
29.95

Alien Destruction Set offers players four space adventures with varying skill levels.



Scorpion's *Alien Destruction Set* contains four space adventures in one game.

The Android Decision

Datasoft
Distributed by Electronic Arts
24.95

In this futuristic battle game, two robot cities try to gain control of each other. The cities produce robots that are programmed to perform certain functions. The battles take place on a postnuclear landscape.

The Annals of Rome

Datasoft
Distributed by Electronic Arts
24.95

As the leader of the ruling party of the Senate in Rome in 273 B.C., the player is in control of the Roman armies both at home and on foreign soil. The player must deal with 13 foreign powers and command 21 Roman officers, who vary in their abilities and degree of loyalty.

Arkanoid

Taito
29.95

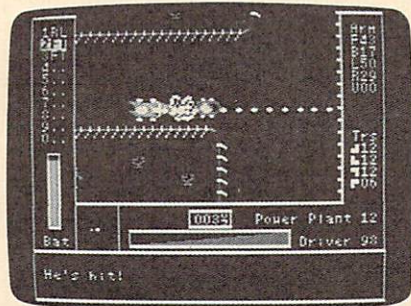
Aliens have destroyed the planet, and now they are after the sole survivor. The player must battle through 33 barriers to stop DOH, the grid monster and destroyer of the universe.

Autoduel

Origin Systems
Distributed by Brøderbund
joystick
39.95

In the twenty-first century, the player is assigned to carry out a courier mission for the FBI. To complete the mission, the player must build the biggest, most heavily armored vehicle possible using

a variety of weapons, ammunition, and armor. This game is an adaptation of the board game *Car Wars*. The package includes one disk, a road map, a driver's handbook, and a toolkit.



In the arcade game *Autoduel*, the player is a top-secret messenger for the FBI.

Balakon Raider

Interstel
Distributed by Electronic Arts
9.95

Players are behind the controls of a BTK-40 armored land speeder on a mission to liberate the cities of Balakon from the evil Zarkonian Empire. Players encounter a horde of deadly enemies that become increasingly difficult to defeat at each level.

BattleDroidz

Datasoft
Distributed by Electronic Arts
joystick
24.95

This arcade game places the player in an abandoned mining cavern of a far-away planet where remote-controlled mine droids are used for sport. The object of the game is to select a hexagon in a mine grid and send a battle droid into battle with a resident alien. Four energy pods must be collected before escape is possible. The player, who wins after completing a row of hexagons across the screen, will encounter many obstacles while racing against the clock. The game features 3-D scrolling graphics and 37 different landscapes to explore.

Bionic Commando

Capcom
29.95

A commando with a bionic arm fights enemy forces inside the fortress.

Black Lamp

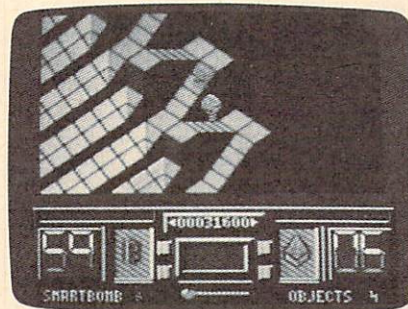
Rainbird
Distributed by Mediagenic
19.95

Black Lamp features Jolly Jack as he battles against animals and characters such as skull-dropping buzzards, evil eagles, and spitting witches. The object of the game is to find enchanted lamps and ultimately the black lamp, guarded by a fire-breathing dragon. Success is rewarded with the hand of princess Grizelda, and failure is paid for with death.

Black Tiger

Capcom
29.95

One warrior battles against a blue dragon, goblins, and an enemy armed with war axes to rescue the wise man.



The player controls droids in a space-based mining caravan in *Battledroidz*.

Blockbuster

Mindscape
29.95

While battling the bouncing ball to knock down a barrier, the player must also avoid yellow sun bombs dropped by aliens, catch falling tokens for extra points, and watch for lighting icons that can be used to buy special weapons. There are 80 levels of gameplay, and the player can design 48 more screens and barriers with a built-in designer.

Boot Camp

Konami
joystick optional
29.95

Sgt. J. T. Tail Kicker tries to whip the players into shape in time to defend the American embassy from terrorists. Exercises include the obstacle course,

the firing range, chin-ups, arm wrestling, and the iron-man race.

Break Thru

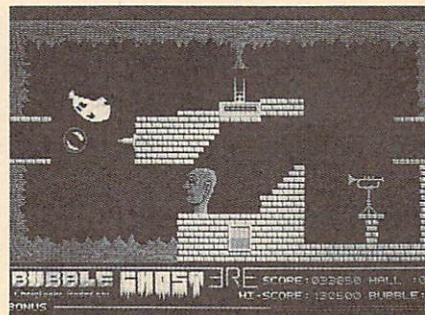
Data East
29.95

The PK430 secret fighter plane has been stolen by hostile renegades, and the player must get it back using a sophisticated assault vehicle to break through five enemy strongholds. Tanks, helicopters, jeeps, land mines, and enemy forces try to stop the player.

Bubble Bobble

Taito
joystick
34.95

Bub and Bob, the brontosaurus buddies, must battle bullies by bursting their bubbles. There are 100 screens of arcade-style graphics for one or two players.



Players try to help a ghost escape a haunted mansion by blowing bubbles through the chambers in *Bubble Ghost*.

Bubble Ghost

Accolade
29.95

Players must help a ghost blow a bubble through a haunted mansion. Along the way, players encounter obstacles including spikes, burning candles, and monsters that try to burst the bubble. Items can be found in the 36 chambers that help players lead the ghost to safety.

Caveman Ugh-lympics

Electronic Arts
29.95

This precursor to modern Olympics features six events: Firestarting, Clubbing, Mate Toss, Dino Race, Dino Vault, and

Saber Tooth Tiger Race. Players can choose from six unique Neanderthal athletes: Thag, Vincent, Crudla, Ugha, Clunk, and Gronk.

Choplifter and David's Midnight Magic

Broderbund
joystick
14.95

Two games are included in this package. In *Choplifter*, the player must rescue a team of hostages from behind enemy lines using a helicopter. *David's Midnight Magic* is an arcade-style pinball game with duel flipper controls, bumper action, rollovers, multiple ball play, sound, and graphics. Both games require a joystick.

Coil Cop

Epyx
19.95

In *Coil Cop*, a master computer has gone haywire and intends to build deadly toys. Players must stop the computer by bouncing through tunnels and rooms until they find the equipment needed to shut down the operation.

Commando

Data East
19.95

Armed only with a machine gun and hand grenades, the commando must break through enemy lines, collect supplies, and reach the fortress in order to defeat the rebel forces and save the free world.

Computer Hits I

American Educational Computer
joystick
9.99

This collection of arcade games includes *Spindizzy*, *Batalyx*, *3D Lunattack*, and *Super Pipeline*.

Computer Hits II

American Educational Computer
joystick
9.99

Computer Hits II contains four games of skill—*Dandy*, *Attack of the Mutant Camels*, *Frenzy*, and *Gribbly's Day Out*.

Computer Hits III

American Educational Computer
joystick
9.99

Four arcade games are included in this package: *Chuckie Egg*, *Elidon*, *Space Pilot*, and *Mama Lama*.

Computer Hits IV

American Educational Computer
joystick
9.99

This collection of arcade games includes *Who Dares Wins II*, *Ancipital*, *Seaside Special*, and *Deactivators*.

Contra

Konami
joystick optional
29.95

As the ultimate guerrilla warrior, the player must fight against the Red Falcon to save the whole world. Weapons include rapid-fire machine guns, alien cannons, and high-tech lasers. The warfare takes place in 3-D mazes with underground security systems and tropical forests with giant waterfalls.



Players are thrust back to the cold and treacherous Dark Ages in *Crossbow*.

Crossbow

Absolute Entertainment
Distributed by Mediagenic
34.95

Based on the Exidy arcade game of the same name, *Crossbow* features 12 high-resolution screens and over 100 sound effects. Players find themselves in the Dark Ages, facing monsters, deadly terrain, and evil enemies.

The Cyber Complex

DigiTek
29.95

As troubleshooter for the computer, the player tries to prevent evil men from the subterranean city from destroying the computer.

Dark Castle

Three-Sixty
joystick optional
34.95

Play is set in medieval times, where the hero must fight his way through 14 different rooms of the castle. Each room becomes progressively harder as the player sends the hero up against rats, bats, and fire-breathing dragons. Dungeon torture and an evil wizard must also be overcome. The ultimate object of the game is to find and slay the Black Knight. The game accepts both joystick and keyboard input, and there are three levels of play—beginner, intermediate, and advanced.

Deceptor

Avantage
Distributed by Accolade
14.95

In this arcade-style game, the player tries to conquer a world of the future. The player can transform into a surface vehicle, an aircraft, and a robotic gladiator.

Dig Dug

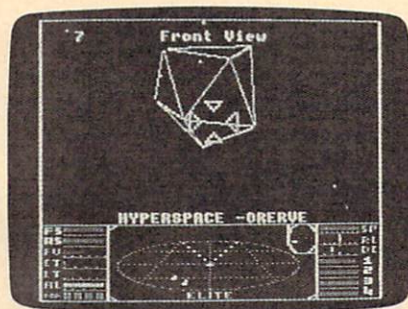
Thunder Mountain
Distributed by Mindscape
9.95

Players tunnel their way in search of underground vegetables while avoiding fire-breathing enemies.

Double Dragon

Arcadia
Distributed by Electronic Arts
34.95

Players follow the story of twin brothers, Billy and Jimmy Lee, who have learned how to fight tough in the city. Billy's girlfriend has been kidnapped by a street gang headed up by the mysterious Shadow Boss. Players must help the brothers rescue the girl using their street smarts and martial-arts skills. Weapons such as knives, bats, rocks, and oil drums are available to help fight the gang. For one or two players.



The commander of this Cobra spaceship can use heat-seeking missiles and laser beams to shoot down space pirates in *Elite*.

Elite

Rainbird

Distributed by Mediagenic

14.95

Users command a Cobra spaceship in the space adventure *Elite*. The game tests the user's combat, navigational, and entrepreneurial skills. Players trade between planets and use the proceeds to equip their ships with heat-seeking missiles, beam lasers, and other weapons, but players must be prepared to face space pirates. Black-market trading may also cause problems with the police in space. No matter how the money is earned, the player must continue through space, destroying aliens and pirate ships along the way.

Enlightenment

Rainbird

Distributed by Mediagenic

19.95

Players discover that the evil wizard Acamantor and his legion of the undead, monsters, and other creatures have returned to Belorn, from which Hasrinaxx the Druid banished him 103 years ago. Hasrinaxx must again free Belorn from the evil wizard. Players must travel through the ten lands of Belorn and five levels of dungeons. Earth, air, water, and fire provide the player with power. These powers can also be controlled by a second player. Players encounter 32 different spells and control five different characters.

Fire Power

Microillusions

Distributed by Mediagenic

24.95

This tank-battle game is the first in the One-to-One Arcade Game Series. One

player can compete against the computer or two players can clash in split-screen action or battle via modem. Player options include tanks, tank characteristics, and battle scenarios.

Fist: The Legend Continues

Mindscape

29.95

Players must first train, then challenge ninja assassins, shoguns, warriors, mercenary soldiers, panthers, and peasant villagers as they travel through swamps, forests, mountains, and caverns. Once players have mastered the challengers, the evil warlord must be defeated in the volcanic fortress.

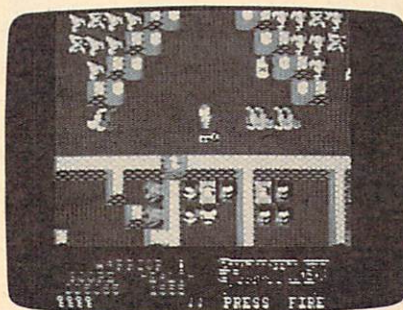
Galaxian

Thunder Mountain

Distributed by Mindscape

9.95

Players must ward off aliens as they progress through increasingly difficult stages in this computer adaptation of the arcade classic.



Players guide their characters through more than 100 mazes in search of food, clues, and keys in *Gauntlet*.

Gauntlet

Mindscape

joystick

34.95

There are over 100 mazes in this arcade-style game for one or two players. Each player chooses a character to search through the mazes for food, treasures, door keys, magic potions, and the exit to the next maze. Throughout the mazes the heroes—Thor, Thyra, Merlin, and Questor—must battle a variety of monsters, ghosts, demons, and sorcerers to survive.

Ghosts 'N Goblins

Capcom

29.95

The Gallant Knight, armed with five weapons, must find his way through seven gates to rescue the princess.

Gradius

Konami

joystick optional

29.95

The people of Gradius are depending on the player to protect them from the evil Bacterions. In a duel to the death, the player uses lasers, force fields, and time and space warps to save the nation. For one or two players.

Gunsmoke

Capcom

29.95

Players join Billie Bob in protecting a Western gold-mining town from bandits.

Hat Trick

Capcom

29.95

In this ice-hockey arcade game, players use whatever means possible to get the puck in the goal.

Head over Heels

Ocean Software

Distributed by Mindscape

19.95

Heads and Heels must join forces to destroy the evil Emperor Blacktooth, who has enslaved several planets. Features include three-dimensional graphics, puzzles, and five different planets to explore and liberate.

Ikari Warriors

Data East

19.95

Two players are behind enemy lines, and they must fight their way out using guerrilla warfare. To win, they must reach a village and defeat the enemy leader. Weapons include machine guns, grenades, rocket launchers, and a tank. The game offers five levels of difficulty, and points are scored by killing enemy soldiers and destroying tanks and bunkers.

GAMES



The Ikari warriors must use fighting skills and careful strategy to make their way back across enemy lines in *Ikari Warriors* from Data East.

Iron Horse

Konami
joystick optional
29.95

It's up to the player to prevent the great train robbery. Relying on a pistol, a whip, and well-aimed fists, the player must track down and shoot the bandits.

Jackal

Konami
joystick optional
29.95

The player attempts to rescue comrades from behind enemy lines using the army's all-terrain attack jeep. The jeep is equipped with guided missiles and incendiary grenades. For two players or one player against the computer.

Jail Break

Konami
joystick optional
29.95

A prison riot which began in Cell Block 39 has broken out into the streets. The player, as the only police officer left, must try to quell the riot and stop the marauding prisoners, protect the innocent citizens, and rescue the prison warden.

Jet Boys

Avantage
Distributed by Accolade
14.95

Players assume the role of a jet-pack equipped commando who must enter and deactivate an enemy-controlled reactor room. Along the way, the player must survive several waves of deadly galactic terrorist strikes. *Jet Boys* fea-

tures four levels of play, each with a megabeast that must be destroyed in order for the player to advance. One player can fight alone or use the cooperative mode that allows two players to pool their resources and battle together.

Karate Champ

Data East
14.95

In this martial-arts arcade game, the player's karate championship title must be defended with quick reflexes and skills such as lunges, kicks, spins, somersaults, foot sweeps, reverse punches, and defensive blocks. The game features nine settings and has three bonus screens. The package also contains the game *Kung Fu Master*.



The player must use his or her best martial arts skills to retain the championship in *Karate Champ*.

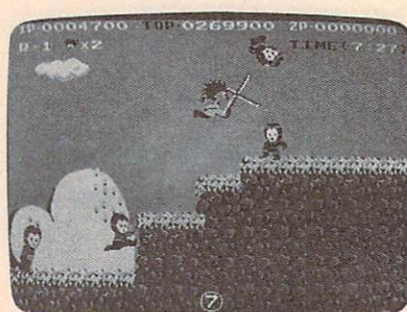
Karnov

Data East
joystick
29.95

Players help Karnov, the fire-breathing Russian, as he searches for the lost treasure of Babylon. Karnov must run, jump, swim, climb, and fly while defending himself from a variety of enemies. There are nine levels of play.



Karnov must defend himself from reptiles and other creatures as he searches for the lost treasure of Babylon in *Karnov*.



In *Kid Niki*, a martial arts expert fights to save his girlfriend.

Kid Niki

Data East
29.95

In this ninja adventure game, the player is a radical warrior fighting to save his girlfriend. Using a sword, the player must defeat dragons, evil monsters, and ancient warriors, and rescue Princess Margo from the Stone Wizard. There are seven levels in the game, each with a big boss that must be defeated before the player can progress to the next level. The player must complete each level in six minutes or lose one of the warrior's three lives. Bonus points can be earned by finishing a level in less than six minutes.

Kung Fu Master

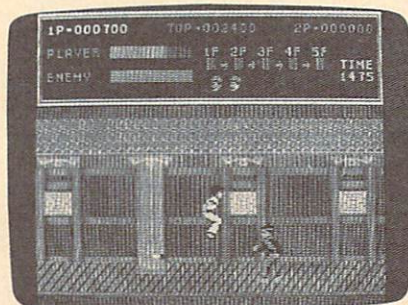
Data East
14.95

In *Kung Fu Master*, the player must defend against martial-arts experts and demons while attempting to rescue a captive maiden from the wizard's castle. Dragons, snakes, killer bees, and henchmen try to stop the rescue. The game features five levels of play, each with five deadly guardians. The package includes the game *Karate Champ*.

Lock-On

Data East
joystick
29.95

The player can pilot the Data East Air Force jet fighter in combat against enemies on the land, in the air, and at sea. Once the enemy is sighted, the pilot locks onto the target and fires the missiles.

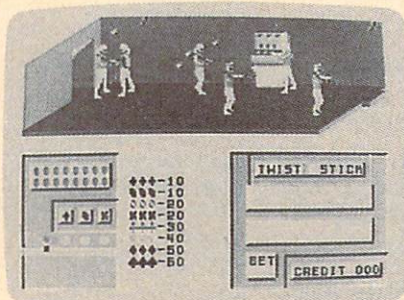


Players must defend themselves against martial arts experts and demons while trying to rescue a maiden in Kung Fu Master.

Magnetron

Bröderbund
14.95

As pilot of a Photon fighter, the player battles alien war bases that constantly push, pull, and swirl the fighter. The player must destroy 50 of the orbiting war bases which are attacking. With the game generator, players can create even more alien bases at increasing levels of difficulty.



Mandroid is a half-man and half-machine creature that sets out to save the world.

Mandroid

Scorpion
29.95

Mandroid, half-man and half-machine, undertakes two missions to save the world. First, Mandroid must infiltrate an enemy base, save the seven astronauts, and restore radio contact with Earth. In the second mission, an evil scientist must be stopped from cloning Mandroid to create an army of deadly soldiers.

Marble Madness

Electronic Arts
29.95

One or two players race against the clock or each other to get their marbles

through the raceways and over the goal line. Obstacles include humming hoovers, marble munchers, and a steelie. There are six raceways—such as the silly level and the aerial race—to provide varying degrees of challenge. This arcade-style game features 3-D graphics and the musical score and sound effects from the original Atari coin-op version.

Master Ninja: Shadow Warrior of Death

Paragon Software
Distributed by Electronic Arts
29.95

Players assume the identity of a ninja warrior sent on a quest to recover a magic sword stolen by an evil Japanese warlord. The ninja must fight his way through more than 25 chambers of the warlord's castle, confronting evil ninjas, samurai guards, mystic ninja priests, curses, and deadly tigers. The player uses the ninja's martial-arts skills and weapons to kill his opponents, recapture the sword, and kill the warlord.

Metrocross

U.S. Gold
Distributed by Epyx
24.95

Players encounter 24 levels of big-city subway tunnels filled with obstacles in this race against the clock. Obstacles include green slime tiles, potholes, rats, hurdles, and barrels. Skateboards are available to help players glide over the tiles.

Mind-Roll

Epyx
39.95

Players must maneuver a ball through ten different levels. The ball bounces, slides, slaloms, and rolls down the various tracks. The game requires dexterity and puzzle-solving skills. Players must also search for objects on certain levels.

Mini-Golf

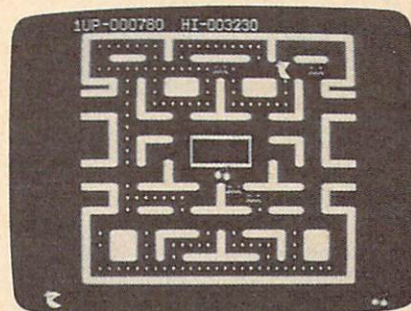
Capcom
29.95

Mini-Golf, for four players, is an arcade version of golf with 18 holes.

Monster Power

Free Spirit Software
joystick
14.95

One to four players can compete in three events that test the power of monster machines. In Tractor Pulls, the player counts on power and revs to pull a weight-sled down the track with a tractor. The player must keep the car inbounds and out of the mud to finish the race in Mud Bogs. Driving skill and power are challenged in Monster Trucks.



Ms. Pac Man scurries from the ghosts in this arcade classic.

Ms. Pac Man

Thunder Mountain
Distributed by Mindscape
9.95

Based on the arcade game of the same name, Ms. Pac Man requires players to move successfully through a maze of dots while avoiding ghosts.

Mutants

Ocean Software
Distributed by Mindscape
19.95

Players must eliminate the threat of Macro-Genetic Mutoids, which are bioengineered organisms with the capability of mutating into deadlier strains. There are 15 different varieties to battle in order for players to succeed.

1942

Capcom
29.95

Super Ace, the master fighter pilot, engages his WWII enemies in battles over the land and sea and in the air.

1943

Capcom
29.95

This arcade game recreates the WWII battle at Midway. The player must fly a fighter against enemy bombers, aircraft carriers, and opposition forces.

Pac Man

Thunder Mountain
Distributed by Mindscape
9.95

Players munch their way through a maze of dots in the computer version of this arcade classic.

Paperboy

Mindscape
joystick
34.95

The paperboy has to deliver papers to all his subscribers for one week—Monday through Sunday—and avoid neighborhood obstacles such as cats, lawnmowers, cars, workers, and drunkards. The player scores extra points by breaking the windows of nonsubscribers, and there is a BMX-style training course to test bicycle skills. Based on the arcade game of the same name.

Parallax

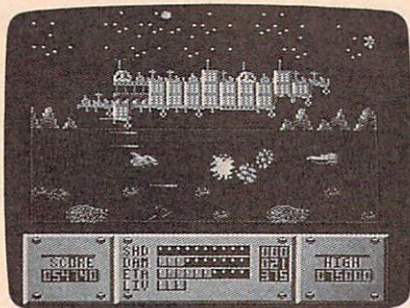
Mindscape
29.95

Players explore a planet that has an evil computer which is planning to attack Earth. To stop the plan, players must fight off aliens and mad scientists as they try to break into the central computer and destroy it. Features include three-dimensional graphics, allowing flight above and below the varied surface features.

Pitfall! and Demon Attack

Solid Gold Software
Distributed by Mediagenic
14.95

Two programs are included on one floppy disk in this package. In *Pitfall!*, the player guides explorer Pitfall Harry through a jungle maze in search of treasures. Along the way he encounters quicksand, a bottomless pit, crocodiles, fire, and a killer scorpion. *Demon Attack* involves an intergalactic war in which the player must defend against space invaders with a laser cannon.



Alien colonies must be found and destroyed in Plasmatron.

Plasmatron

Avantage
Distributed by Accolade
14.95

This arcade-style adventure game begins at the Plasmatron base. Players must then pilot the spacecraft to a hostile empire colony filled with aliens. The object of the game is to locate all colony life and neutralize it while flying through alien cities and meteor fields.

Pole Position

Thunder Mountain
Distributed by Mindscape
9.95

Based on the arcade game of the same name, *Pole Position* requires players to qualify and then race to beat the clock on a twisting road course.

Railroad Tycoon

Spinnaker Software
joystick
6.95

In *Railroad Tycoon*, the player is in charge of an American railway empire that can either expand or go bankrupt.

Rampage

Activision
Distributed by Mediagenic
34.95

Based on the Bally arcade game, *Rampage* features three-dimensional animation, color graphics, and arcade sounds. This monster-movie-style game can be played by one or two people. Players control a giant gorilla, a lizard, or a wolf as they destroy the country. The creatures must climb skyscrapers, swat helicopters, step on soldiers, smash

tanks and cars, and eat people. Monsters need food to survive. An energy bar at the top of the screen measures the beast's stamina. Should time or energy run out, the creatures will become tiny people that can be eaten by other monsters.

Rastan

Taito Software
34.95

The ancient warlord Rastan battles dragons, evil lords, and slimy servants to defeat the castle king. Magical powers aid in the fight.

Renegade

Taito
34.95

The player uses street-style karate kicks and fast punches to rid the streets of gangs of thugs and punks. A typical day in life of the renegade includes battling bikers at the wharf, searching for hoods in a maze, and protecting innocent citizens on a subway.

Sarge

Capcom
29.95

The sarge must lead the troops with a tank, a helicopter, and lots of ammunition.

Side Arms

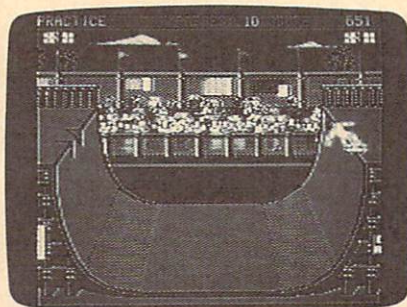
Capcom
29.95

Alpha and Beta defend Earth from invasion with their special protective suits and incredibly advanced fighting artillery.

SIGMA 7

Avantage
Distributed by Accolade
joystick
14.95

As pilot of a star-fighter jet, the player tries to prevent the completion of SIGMA 7, an interstellar battle station designed by evil aliens. The player must defend against mines, radioactive bombs, robots, and lasers and survive a game of radioactive tag. This arcade-style game has seven levels of difficulty, with three levels of play at each level.



Eight players can compete in five skateboarding competitions in *Skate or Die*.

Skate or Die

Electronic Arts
29.95

Players begin at Rodney's Skate Shop, where they can select a skateboard, check the high scores, and register for competition. After picking up a board, the player can choose from five different events. Up to eight players can compete or players can challenge computer opponents.

Speed Buggy

Data East
joystick
29.95

Players must steer their cars down five tracks, each with sharp curves and obstacles such as fallen trees and boulders. The courses must be completed in a predetermined amount of time. Bonus points can be won by running over flags, jumping obstacles, and driving on two wheels.

Speed Rumbler

Capcom
29.95

Rammin' Rod, in his powerful ThunderMobile, prepares to destroy twenty-first century tyrants and rescue his townspeople from their control.

Spiderbot

Epyx
19.95

Spiderbot, part of the Maxx Out! series, involves an electrochemical plant that pumps out radioactive repellent. Players must assemble parts to become *Spiderbot*, a deadly fighting machine.

Star Battle

Saturn Software
10.00

This arcade-style space game features seven scrolling screens of hyperspace travel, computer-guided missiles, shields, damage control, asteroid showers, enemies, radar, and multiple skill levels. The package also includes *Autodem 64*, an autoanswer, autodial terminal emulator with a 48K capture buffer.

Star Maze

Sir-Tech Software
9.95

This arcade-style game features hi-res, 16-color graphics with a multidirectional scrolling maze covering 16 levels.



Players race their buggies against the clock while trying to avoid road obstacles in *Speed Buggy*.

Star Trooper and Penetrator

Spinnaker Software
joystick
9.95

This package contains two games. Armed with a jet pack and a laser-blast, the player must survive relentless alien attacks in *Star Trooper*. In *Penetrator*, the player commands a powerful fighter plane on a mission to blow up a neutron-bomb cache.

Stinger

Interstel
Distributed by *Electronic Arts*
9.95

This arcade-style game pits players and their Starfighter against a swarm of deadly Star Bees. Players must destroy

the Star Queen and her bodyguards before they destroy the galaxy. Features include color graphics, sound effects, and ten levels of difficulty.

Storm

Mastertronic
9.99

One or two players can play the parts of Warrior Storm and Mage Argavain as they try to rescue the Princess from the evil wizard Una Cum. The game accepts both joystick and keyboard control. The floppy disk contains versions for the IBM PC and compatibles and the Commodore 64 or 128.

Street Cat

U.S. Gold
Distributed by *Epyx*
24.95

Players must complete competitive events to determine who is the top cat. The cats must crawl, jump, somersault, and run through the park; spring off and land on floating platforms in the pool; cross through the sewers; and bowl against the bulldog.

Street Fighter

Capcom
29.95

Young masters of the martial arts take on street fighters from the U.S., Japan, England, China, and Thailand.

Super Bike

Free Spirit Software
joystick
14.95

Motorcycles race against the clock in Motocross, Endura, Supercross, or Trials courses. Winning bikers must learn to bounce, jump, steer around obstacles, and outmaneuver other bikers to gain the gold cup.

Superbike Challenge

Bröderbund
joystick or keyboard
19.95

Players race on 12 Grand Prix courses, including Austria's Salzburgring and the Silverstone in Great Britain. One player can race against bikers controlled by the computer, or two players

GAMES

can race each other using split screens. Onscreen indicators show speed, rpm, lap times, race position, and the course layout. Players can choose from novice, intermediate, or pro level. A Save feature allows games to be saved between races.

Technocop

U.S. Gold
Distributed by Epyx
39.95

Players join the Enforcers and are armed with a computer wristwatch, a criminal radar locator, a snare-net gun, an .88 Magnum, and the V-Max, the most advanced auto ever built. The Enforcers' mission is to thwart the international crime family known as D.O.A. (Death On Arrival). When a face appears on the V-Max crime computer, players must chase and capture the criminal. Then they must leave the car and search the city for felons, stolen goods, and hostages. Players can upgrade their officer ranking as they move through five difficulty levels.

Tiger Road

Capcom
29.95

Using special weapons and endowments, the player must battle treacherous warriors who have kidnapped the world's children.

Tower Toppler

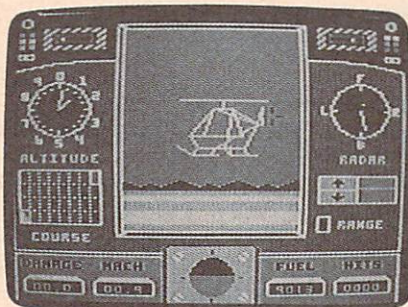
U.S. Gold
Distributed by Epyx
39.95

On the planet Nebulus, each player becomes an alien sent out to demolish eight mysterious and deadly towers built in the middle of an ocean. To topple the tower, players must climb an interior stairway filled with obstacles to reach the top and set off the destruction mechanism.

TrailBlazer

Mindscape
29.95

Players must guide a soccer ball through a world of hyperspace networks of everchanging color grids. One player can compete alone or against another person in the split-screen mode. Features include 20 fixed courses and a random option.



In X-15 Alpha Mission, players must navigate a NASA X-15 from takeoff to space flight.

Uchi Mata

Mindscape
29.95

Uchi Mata, based on judo, allows players to compete against a computer opponent or another player. This martial arts simulation teaches the major throws of judo, along with a few illegal moves.

Victory Road

Data East
joystick
29.95

The heroes of Ikari Warriors confront another deadly foe, Stonehead and his army of creatures. The players must find their way through a desolate landscape and down the Victory Road, avoiding green gremlins, winged man-beasts, and wormsnares.

Warlock

Three Sixty Pacific
29.95

Players of Warlock undertake a quest for the stolen Karna. This arcade game contains 20 levels of difficulty and features color graphics, animation, and digitized sound.

Xevious

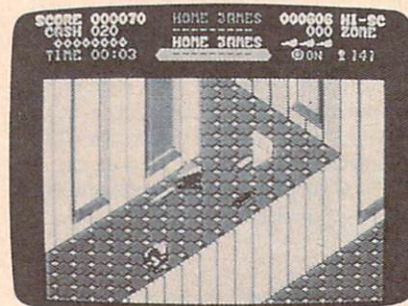
Mindscape
29.95

The Xevians are claiming Earth as their own. Players and their Solvalu super-ship must penetrate their defenses and save the planet. Along the way, they must battle through air and ground targets, avoid flying mirrors, and destroy the Mother Ship.

X-15 Alpha Mission

Absolute Entertainment
Distributed by Mediagenic
29.95

X-15 Alpha Mission places players in the cockpit of a NASA X-15, one of the fastest and highest-flying airplanes in existence. The arcade-style flight mission involves the navigation of the plane from takeoff to outer space. Players encounter multiple levels of hostile aircraft while in flight and must dock with a terrorist-controlled space station and then destroy it. User-controlled machinery includes on-board weaponry, a lunar-excursion module, and a fleet of remote-control robots.



A star fighter must negotiate sharp turns and blind curves at high speeds in Zig Zag.

Zig Zag

Spectrum HoloByte
joystick
24.95

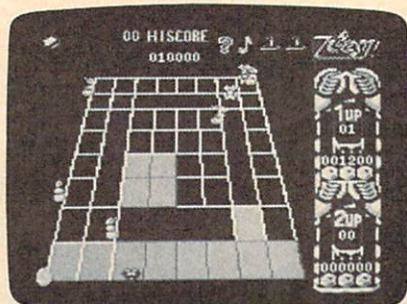
In a star fighter speeding through narrow passages of the Matrix of Zog in the 12th dimension, the pilot must carefully negotiate the sharp turns, ramps, traps, and barriers to locate the Eight Crystals of Zog. Players can gain "cash" by destroying enemy aliens and use the cash to purchase objects for the search. Codes for future reference can be found in the Save Zone, but the Death Zone could end the game. The game features 1400 screens, extra lives, maps, x-ray vision, time locks, and a scoring system.

Zoom!

Discovery Software
29.95

Zoom! is a nonviolent, arcade-style game featuring Zoomer. Zoomer is chased through an outer-space land, Zoomland, by a gang of reckless enemies as he tries to collect territories and

GAMES



Discovery Software's Zoom features 50 levels of play.

points. However, Zoomer must watch out for the Oops factor when he tries to advance to the next level. There are 50 levels of play. The game includes a 30-day money-back guarantee.

Z-Pilot

Spinnaker Software
joystick
9.95

The player is the Z-Pilot, the last hope of the universe. Using an arsenal of weapons, split-second acceleration, and careful maneuvering, the player must command the Z-Fighter against ruthless alien forces.

BOARD GAMES AND GAMES OF LOGIC

For further information, circle
Reader Service Number 202.

Black Monday

Soft Lore
29.95

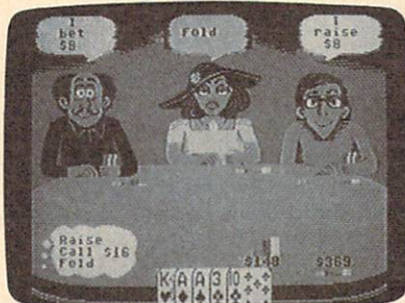
Black Monday is stock-market game that lets players buy and sell from a list of more than 250 stocks. The players begin the game with \$250,000 and try to turn it into a fortune before the stock market crash of October 19, 1987.

Bridge 5.0

Artworx
29.95

One person can play a complete game of contact bridge, from bidding to playing the hand, with this game. The human plays with the computer against

two computer opponents. The program is based on the Stayman and Blackwood conventions and can review each bid, keep score, and inform the user of any illegal moves. Hands can be replayed or stored. For ages 15 and up.



Poker partners include characters such as Luigi, Milton, and Gorbachev in Card Sharks.

Card Sharks

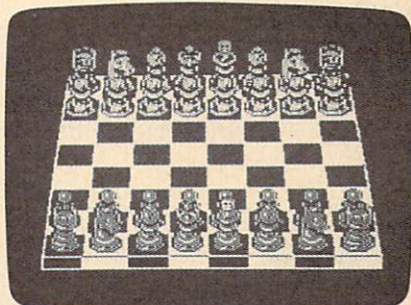
Accolade
29.95

Three card games—blackjack, poker, and hearts—can be played against animated computer characters such as Luigi, Milton, Lady Vanderbilt, Margaret Thatcher, Ronald Reagan, and Gorbachev. There are three versions of poker, and the player can keep score.

The Chessmaster 2000

The Software Toolworks
Distributed by Electronic Arts
39.95

This complete chess program plays chess and helps teach strategies of the game. It features a teach mode in which the program shows all possible legal moves, a hint mode to suggest possible moves, two-player mode in which the computer referees, and a watch-the-computer-think mode. *Chessmaster 2000* allows users to replay a game while the program analyzes the moves, or the computer can play itself while the user watches. There are over 71,000 moves, an onscreen chess clock, 12 levels of play, and both joystick and mouse control. The package includes a library of classic games, a tutorial booklet, and discount membership in the U.S. Chess Federation.



Chessmaster 2000 provides a chess partner, teacher, and judge for chess enthusiasts.

Chessmate

Cardinal Software
19.95

This chess program allows the user to analyze his or her own game, save games, or watch a game step by step with the Chess Movie option.

Compubridge

Artworx
19.95

Based on Shirley Silverman's *Five Card Major Bridge Teacher's Manual*, this game helps beginners learn to play bridge and advanced players improve their skills. There are ten chapters of text and eight sections of quizzes. The questions are randomly generated, and the program can offer alternatives to weak moves. For 15 years of age and up.

Concentration: Logic Games Disk #2

Cardinal Software
Commodore 128
19.95

Seven games of logic are included on this one disk. Titles include *Concentration*, *Mastermind*, *Capture*, *Magic*, *Poker*, *Solitaire*, and *Twister*.

Family Feud

ShareData
12.99

Family Feud is the official software version of the TV game show in which team members try to match answers with those of the audience to win points and prizes.

GAMES

Jeopardy

ShareData
12.99

Jeopardy is the official software version of the TV trivia game show of the same name.

Monopoly

Electronic Arts
29.95

Atlantic City real estate and the official rules are part of this electronic version of the board game, *Monopoly*. The computer version also contains a banker to issue balance sheets and conduct auctions. There is a full or short game option, time clock, and musical score. *Monopoly* is played in color graphics.

Movies and Television

Advanced Ideas
The Game Show
19.95

A LearningWare package for *The Game Show*, *Movies and Television* contains questions on TV and the movies from the 1930s to today. Designed for ages 15 and up.

PQ: The Party Quiz Game

Suncom
29.95

PQ: The Party Quiz Game is a hardware and software combination that allows up to four players to play a game show-like trivia game. The package includes 2700 questions and four paddle controllers to use to answer the questions. Questions cover the arts, history, sports, science, geography, and entertainment. Points are given for correct answers. The levels of speed and difficulty can be adjusted.

Puzzles: Multi-Program Disk

#3
Cardinal Software
printer
19.95

Four word games are available on this disk. Word puzzles can be designed and printed with *Find-a-Word Puzzle Printer*. *Headliner* allows the programmer to print any message on the screen in seven-inch-high letters. With *Code Breaker*, messages can be encoded and decoded to create cryptogram puzzles

using a letter-substitution system. *Crypto* is also a coding program, but it uses a military-style numbering system instead of letters.

A Question of Scruples

Electronic Arts
39.95

A Question of Scruples is based on the popular board game of moral dilemmas. Up to nine players can participate or one person can compete with one of 64 computer characters. Each preprogrammed character has its own personality and animated face.

Scrabble

Electronic Arts
32.95

A 12,000- to 29,000-word Scrabble dictionary is the judge in this electronic version of the board game. One player can play the computer, or up to four players can play each other.

Shanghai

Activision
Distributed by Mediagenic
29.95

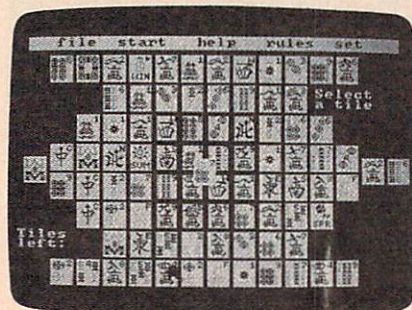
This game is based on the game played by the Chinese, mahjongg. Colored tiles are stacked on each other and must be matched and removed according to the characters painted on each piece. There are solitaire and multiple-player options.

Soko-Ban

Spectrum HoloByte
joystick optional
24.95

There are 99 floors of mazes in this strategy game—50 are predesigned and the other 49 may be created by the player. The passageways are blocked

by heavy boxes which the player must move to get through the maze. The game requires thinking and patience.



Shanghai is based on mahjongg, the ancient game of stacking colored tiles.

Tetris

Spectrum HoloByte
24.95

Designed in the Soviet Union, this game of logic requires skill and strategy. Shapes made up of four squares descend from the top of the screen, and the player must manipulate the squares to form solid horizontal rows with no blank spaces before the shapes reach the bottom. After ten rows have been completed, the player advances to a higher level in which the shapes fall at a faster speed. Graphic art backgrounds depict Soviet scenes such as Gorky Park, Red Square, and a Soviet spacecraft. A RAM-resident version of the program is included in each package.

Ticket to Hollywood

Blue Lion Software
29.95

Six detailed, 3-D maps guide the player through 80 years of movie history and lore. Players can test their knowledge by answering trivia questions about stars such as Hepburn, Tracy, and the Rat Pack. Or they can follow leads, gather clues, and try to solve one of the 25 mysteries.

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Trivia Test

Cardinal Software
19.95

Over 1300 questions test the knowledge of players ages 12 to adult. There are two modes of play—letter fill-in or multiple choice—and the computer keeps a running score.

Wheel of Fortune

ShareData
12.99

This game is the official software version of the TV game show, "Wheel of Fortune," in which players guess the missing letters of words and phrases to win prizes.

Win, Lose or Draw

Hi Tech Expressions
12.99

One player or the whole family can play this computerized version of the television game show. Players draw pictures to help their teammates guess the hidden quotations, titles, and sayings.

FANTASY

For further information, circle
Reader Service Number 203.

Barbarian

Mastertronic
29.99

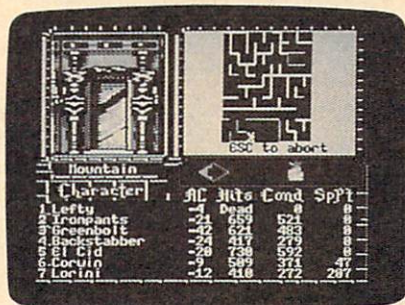
Hegor the Barbarian takes the player to Durgan, an underground world terrorized by the evil Necron. Hegor must battle warriors and monsters and avoid traps and machines to protect the path to Necron's lair. The game offers 48 high-resolution background screens, more than 20 different enemies and traps, and more than 300 animation sequences.

The Bard's Tale

Electronic Arts
39.95

This three-part adventure game takes place in the fantasy town of Skara Brae, which is under the curse of the evil wizard Mangar. In the first part of the adventure, the player searches the town for treasures and magic which will aid

a small band of characters in their fight against Mangar. Next, this party must survive a variety of obstacles. The ultimate goal is to find and defeat Mangar. Characters use items such as weapons, shields, armor, gloves, and rings in the adventure. Conjuring, magic, sorcery, and wizardry can also be summoned. The action takes place in 16 dungeons, two towers, and mazes, and the graphics are depicted in three dimensions.



Players must rebuild the fantasy city of Skara Brae in Bard's Tale III.

The Bard's Tale II: The Destiny Knight

Electronic Arts
39.95

A continuation of *The Bard's Tale*, this version of the dungeon fantasy game has a new story line and additional dungeons, magic, combat strategies, characters, clues, monsters, and territory. There's a new master magician, the Archmage, and seven timed puzzles titled "The Snares of Death." Adventurers can explore six cities and 25 dungeon levels and create new characters in the starter dungeon.

The Bard's Tale III: Thief of Fate

Electronic Arts
39.95

The third in the series of medieval-based fantasy role-playing games, *The Bard's Tale III* requires players to rebuild the city of Skara Brae. The Mad God Tarjan has destroyed the town and threatens to ruin many others. Players must assemble a group of adventurers and search for Tarjan. If they're successful, Skara Brae will be rescued from ruin, but their failure means the world will be ruled forever by Tarjan.

Cycleknight

Artworx
19.95

One to four players can ride hi-tech motorcycles through a fantasy land in search of a kidnapped queen and her villagers. The medieval-style castle has over 2000 chambers, or players can design their own castle. A language simulator helps players communicate with the creatures in the adventure. There are five skill levels.

Darkhorn

Avalon Hill
30.00

There are nine maps in this fantasy game, and nine more can be designed and stored by the players. Players can create armies of men, dwarves, and elves to attack castles and take over enemy fortresses. Four players can enter commands at the same time, and they can play just one map or all nine in one campaign.

Death Sword

Epyx
29.95

Barbaric guards of the Dark Ages hold Princess Mariana captive, and the evil sorcerer, Drax, will release her only when his guards are beaten in a sword battle. Players attempt to save the princess using combat techniques of the Dark Ages. The game is played with cinema-style graphics and metal-on-metal sound effects. *Death Sword* was created by Palace Software of London and originally released in Europe as *Barbarian*.

Demon's Winter

Strategic Simulations
Distributed by Electronic Arts
29.95

Players create a party of five adventurers and direct their travels throughout an extensive world. The characters are trying to save the land of Ymros from the demon Malifon. The party encounters puzzles and dangers along the way.

Dondra

Spectrum HoloByte
24.95

The first in the Questmaster Series, this program takes place in the land of Dondra. The player is the questmaster in search of the crystal prism. There are a number of tasks and missions which must be completed within a time limit. During the adventure, the questmaster interacts with a variety of characters.

Dungeon Masters Assistant, Volume 1: Encounters

Strategic Simulations
Distributed by Electronic Arts
29.95

This program is designed to reduce game prep time by several hours per session. The database includes over 1000 encounters and over 1300 monsters and characters. The data can be modified by adding original monsters and encounters.

The Eternal Dagger

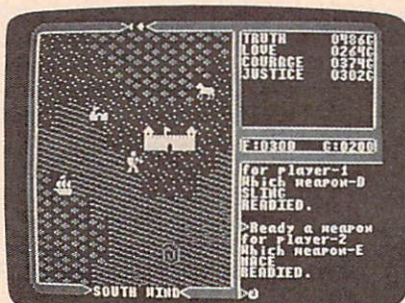
Strategic Simulations
Distributed by Electronic Arts
39.95

In this sequel to *Wizard's Crown*, monsters have crept back into the Middle World, and the player's mission is to defeat the evil beings and seal off the portal with the eternal dagger. Characters from *Wizard's Crown* can be imported to this game, or players can create new characters. The fantasy adventure offers additional dungeons and magic spells.

Exodus: Ultima III

Origin Systems
Distributed by Brøderbund
39.95

In this game for 1-4 players, the object is to defeat Exodus, progeny of Mondain from *Ultima I*. This installment of the *Ultima* series contains full-color graphics and a musical soundtrack. There are up to 20 characters, 16 weapons, eight types of armor, and 32 magic spells. The package includes a double-sided disk, a cloth map, two spell books, a rule book, and a reference card.



Players try to defeat Exodus in the third installment of the *Ultima* series.

Feud

Mastertronic
9.99

Magicians battle in this game of spells and magical herbs. Players try to defeat the magic of their opponents. One disk contains versions for the Commodore 64 and the IBM PC and compatibles.

Gemstone Healer

Strategic Simulations
Distributed by Electronic Arts
14.95

The war with the demons of the Netherworld continues in this sequel to *Gemstone Warrior*. As the gemstone warrior, the player must return the broken gemstone to the demons' lair and restore it with magical healing tools while battling the forces of evil. Players do not have to be familiar with *Gemstone Warrior* to play this game.

Gemstone Warrior

Strategic Simulations
Distributed by Electronic Arts
joystick optional
14.95

The creatures of the Netherworld have stolen the gemstone and broken it into five pieces. The warrior must search through wilderness, labyrinths, and strange dungeons to find the pieces and return them to the temple. He uses a crossbow, fireballs, magic, and wisdom supplied by the player. The game is played in hi-res, animated color graphics.

Heroes of the Lance

Strategic Simulations
Distributed by Electronic Arts
joystick
29.95

Derived from the first dragon-lance module, *Dragons of Despair*, *Heroes of the Lance* takes the player into the ruins of the temple Xak Tsaroth to recover the Disks of Mishakal. The player controls eight companions with various skills and attributes in battles against monstrous Draconians, giant spiders, skeletal Undead, and Khisanth, an ancient but formidable black dragon. The only way to destroy Khisanth and save the world from evil is to find the magic key. *Heroes of the Lance* is one of the Advanced Dungeon and Dragons Computer Products.

Legacy of the Ancients

Electronic Arts
29.95

The setting is the land of Tarmalon, and the mission is to find the wizard's compendium, which contains evil powers. The search begins at the Museum of the Ancients and continues through 12 towns, forests, castles, and a series of dungeons. Along the way, the player has opportunities to play five games (three combat and two at the casino tables), battle many creatures, rob banks, and gamble away prizes.

Moebius: The Orb of Celestial Harmony

Origin Systems
Distributed by Brøderbund
joystick
39.95

Kaimen has stolen the magical orb from Moebius, and it is the player's responsibility to recover it before the entire universe is destroyed. This fantasy-adventure game incorporates graphics and an element of magic into the search for artifacts, good karma, and mind strength. There are 26 types of terrain and four planes to explore—earth, water, air, and fire. The game features window-options menus and is stored on two double-sided disks.

Phantasie

Strategic Simulations
Distributed by Electronic Arts
 39.95

The player chooses up to six characters—from monks and wizards to gnomes and lizard men—to aid in the search for the nine rings to defeat the Dark Lord. The journey takes place in Gelnor, where the band of warriors must explore dungeons, solve puzzles, and battle many monsters. Along the way, new characters may be recruited and magical spells can be learned. Action is in high-resolution, color graphics.

Phantasie II

Strategic Simulations
Distributed by Electronic Arts
joystick
 39.95

In this sequel to *Phantasie*, the warrior and his gang are out to remove the curse of the Dark Lord Nickademus by locating and destroying the evil orb. The journey continues through wilderness, dungeons, the Astral Plane, and the Netherworld. Characters from *Phantasie* can be incorporated into this game, or new characters may be invented.

Phantasie III: Wrath of Nikademus

Strategic Simulations
Distributed by Electronic Arts
joystick
 39.95

The final game in the *Phantasie* trilogy, this fantasy adventure pits the noble warrior in a battle to stop the Dark Lord from conquering the entire world. Again, a band of six characters is led on a search through dungeons and wilderness, battling a variety of monsters and magic. Bows, arrows, and new magical spells have been added, along with some new evil mongers. The goal is to find and defeat Nikademus in the final confrontation.

Pool of Radiance

Strategic Simulations
Distributed by Electronic Arts
 39.95

Pool of Radiance is one of the series of *Advanced Dungeons and Dragons*

Computer Products. Players control a party of eight characters on a quest to rid the city of Phlan from evil forces. The story line is based on *Ruins of Adventure*, from TSR, and actual *Advanced Dungeons and Dragons* game rules have been incorporated into the game. New characters can be created and each character's picture can be chosen. Features include three-dimensional graphics, self-mapping, and a tactical combat option.

Questron

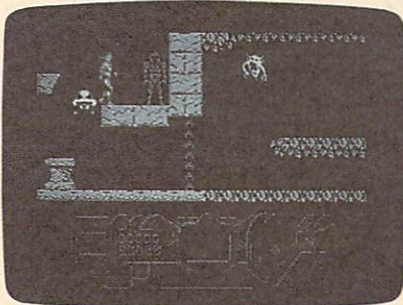
Strategic Simulations
Distributed by Electronic Arts
joystick
 14.95

As Last Defender of the Realm, the player tries to defeat the sorcerer Mantor through stealth and cunning. To do so, the player must first journey through a strange land, battle a variety of creatures, and then steal back the Great Book of Evil Magic.

Questron II

Strategic Simulations
Distributed by Electronic Arts
 39.95

In this sequel to *Questron*, players travel into the past to prevent six mad sorcerers from creating an evil book of magic. Players encounter over 60 types of creatures which must be fought with weapons and magic spells.



Warrior Tal battles against mutant creatures in *Rad Warrior*.

Rad Warrior

Epyx
 19.95

It's the year 2500 A.D., and warrior Tal is out to save the human race from invaders. To do so, Tal has to find the antiradiation suit, travel to the invaders' base, and destroy their power

source. Along the way, Tal must battle mutated wildlife, acid rain, and enemy drones. He's helped by maps, weapons, energy packs, and a special pair of anti-gravity boots. This adventure is part of the Maxx-Out series, designed especially for 10- to 14-year-olds.

Realms of Darkness

Strategic Simulations
Distributed by Electronic Arts
 39.95

The player and a band of eight followers explore wilderness, cities, and 30 levels of underground dungeons on the way to fulfilling seven quests. Power and cunning are required to defeat the many monsters encountered along the way. The game can be played with the keyboard or joystick and as a menu-driven or text-adventure game.

Rings of Zilfin

Strategic Simulations
Distributed by Electronic Arts
 39.95

Players get clues from kings, sorceresses, and dragons in a search for the ring of Zilfin. Evil beings can be destroyed with arrows or swords and, later, with magic power (when the player achieves the rank of Grand Master Wizard). But time is of the essence, since the player must find the ring before Lord Dragos does.

Roadwar Europa

Strategic Simulations
Distributed by Electronic Arts
 39.95

In this sequel to *Roadwar 2000*, terrorists threaten to detonate five nuclear devices in twenty-first-century Europe. Commissioned by the United Nations, the player leads a gang against the terrorists to find and disarm the bombs and then destroy the terrorist leaders. Mutants, cannibals, and rival road gangs attempt to stop the rescue group, which is armed with guns, crossbows, and rams. The crew and vehicles from *Roadwar 2000* can be transferred to this version, or the player can design new ones.

Roadwar 2000

Strategic Simulations
Distributed by Electronic Arts
39.95

It's the year 2000, and the United States is on the verge of destruction from bacteriological warfare. The player is assigned the task of locating eight scientists and taking them to a secret underground lab, where they must develop a lifesaving serum. The search is made harder and more dangerous by the hordes of mutant beings and rival road gangs the adventurer meets on the journey.

Shard of Spring

Strategic Simulations
Distributed by Electronic Arts
joystick
39.95

The player guides five types of characters—dwarves, trolls, elves, gnomes, and humans—through towns, taverns, wilderness, and dungeons, gathering clues and weapons on a search for the shard of spring. During battles, a zoom feature shows details of the terrain so the adventurers can find new weapons or escape if necessary. Play lasts 40–80 hours.

Times of Lore

Origin Systems
Distributed by Brøderbund
joystick
39.95

Times of Lore combines a fantasy and role-playing adventure with arcade action. Players assume the role of a hero for hire in the fictional land of Albarath. The hero is sent out on missions and quests into the lawless land, where he encounters outlaws, assassins, demons, monsters, and magical spells.

Torchbearer

Free Spirit Software
29.95

Players undertake a quest to find and win back the Torch of Truth for the Kingdom of Pastoria. The Kingdom of Pastoria is surrounded by many small islands, and the hero must explore each one as he looks for the Torch. Luck stones and magic help in the search and the fight against the evil wizard Talis Vaultheart.

Ultima I

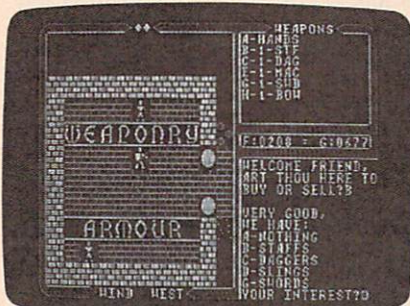
Origin Systems
Distributed by Brøderbund
39.95

In this fantasy adventure, the player searches space and the land of Britannia for clues to defeat the evil wizard Mondain. The game is written in assembly language for speed and graphics capabilities. The package contains a double-sided disk, four maps, a reference card, a manual, and coins of the realm.

Ultima IV: Quest of the Avatar

Origin Systems
Distributed by Brøderbund
59.95

In this Ultima version, the player must find the Codex and become an avatar to destroy the evils still lurking in the hearts of the people of Britannia. During the search, the player may discover eight characters and many different magical items to help in the quest. There are also a variety of creatures, situations, and scenarios the player must successfully confront during the search. The package contains a clue book, reference card, guidebook, and cloth map.



Characters, weapons, and magical items help players in their fight against evil in Ultima IV.

Ultima V: Warriors of Destiny

Origin Systems
Distributed by Brøderbund
59.95

The latest in the Ultima series, *Warriors of Destiny* features a new combat system with weapons, demons, and spells. There are 30 towns and castles with up to five levels each. The player's mission is to discover the fate of Lord British, the ruler of Britannia, who is believed to be lost on an expedition. The mission also involves the defeat of Blackthorn, who has seized control of the realm.

Vampire's Empire

DigiTek
29.95

Armed with a magic light, mirrors, and garlic, Dr. Van Helsing must fight his way through the vampire's empire to destroy the Count and stop the vampires' attacks on unsuspecting humans. The game features scrolling, high-resolution graphics, and more than 240 screens.

War in Middle Earth

Mastertronic
49.99

An epic game, *War in Middle Earth* is based on the books by J. R. R. Tolkien. Frodo, Aragorn, and Gandalf battle the evil forces of the Dark Lord Sauron and the Wizard Saruman to get the ring to the Cracks of Doom. There are multiple playing levels to control all the characters and armies, and no two games will be exactly the same. Features include more than 150 animated characters, detailed maps of Middle Earth, over 10,000 digitized backgrounds, sound, icon-driven controls, and a save-game option. For one player.

Wizardry #1: Proving Grounds of the Mad Overlord

Sir-Tech Software
39.95

Choosing from five races and eight different professions, the player assembles a party of six characters to explore a ten-level, 3-D maze. The goal is to find Werdna and retrieve the stolen Amulet. During the search, characters can gain experience and treasure and battle dragons and other foes. Characters can be transferred to other scenarios.

Wizardry #2: Knight of Diamonds

Sir-Tech Software
39.95

The second in the Wizardry series, this program uses the characters created in the first game, *Proving Grounds of the Mad Overlord*, to travel through a six-level, 3-D maze in search of a missing suit of armor. The characters must cooperate with each other to defeat the maze's inhabitants, find the suit of armor, and win the title of Knight of Diamonds. Players can keep track of their

characters through constantly updated status displays. The characters from the first game must have reached the 13th level of experience in order to be transferred to the second game.

Wizard's Crown

Strategic Simulations
Distributed by Electronic Arts
39.95

Eight characters aid the player in a search for the stolen crown of the emperor. Armed with weapons, magic, stealth, and healing, the band encounters monsters, the Undead, and a variety of mazes, buildings, and dungeons. When the final battle begins, the computer can resolve the conflict or the player can control the action. There are five levels of play; for 1-8 players.

Wizball

Ocean Software
Distributed by Mindscape
19.95

Wiz and his friend Cat live in Wizworld, a land of color and light. However, Zark and his sprites have invaded Wizworld and taken away all the color. Wiz and Cat must travel throughout the land in their Wizballs to restore the color. The program includes secret powers and controls that can be discovered only while playing the game.

GAMBLING AND LOTTERY PROGRAMS

For further information, circle
Reader Service Number 204.

Auto Bingo 4.0

Statistical Game Analysis
138.00

Auto Bingo is a statistical word scoring and processing program to use in solving word-building, letter-value contest puzzles. It contains three programs for different types of puzzles. The first is for keyword puzzles on 5 x 5 grids such as those used in bingo. The second, List Creator, can produce a base of winning words tailored to the contest rules. The third program can be used to enter, score, analyze, and save puzzle solutions, word lists, and research material. The main feature of *Auto Bingo* is that it can be modified to conform to the rules of almost any contest.

Black Jack Academy

MicroIllusions
Distributed by Mediagenic
39.95

This game is designed to teach both novices and experienced players blackjack. Up to five players can compete using table rules from Las Vegas, Reno, and Atlantic City or the user's own specific table rules. Online help is available for different play options, including the optimal play for the current hand. Features include color selectability, game save and retrieve, and different play strategies.

Club Backgammon

California Dreams
Distributed by Logical Design Works
29.95

This simulation of backgammon allows players to compete against any one of five computer opponents or against another person. A pair of dice is included with the package to allow you to make your own dice rolls.

Daily Double Horse Racing

Artworx
19.95

Players can spend a day at the horse races without leaving their home or risking their money. This game provides a full card of 10 races that are run in animated, 3-D scrolling graphics. The racing form contains the past race histories of 180 horses and 12 jockeys for almost 400 races. Players can handicap the races and place bets ranging from straight wagers to parlays, exactas, and daily doubles.

Enhanced Greyhound Racing Analysis Program Package

Software Exchange
49.95

An enhanced version of *Greyhound Racing Analysis Program Package*, this program can analyze 13 items from the greyhound racing form, including track length, post position, times, odds, and class. The program then predicts the finishing order for races. It includes all the features of the original program.

Enhanced Racing Analysis Program Package

Software Exchange
49.95

The enhanced version of the *Racing Analysis Program* uses 13 items from the racing form, including pole position, track length, times, and finish positions, to rate the entries. The package contains versions for thoroughbred and harness racing.

Greyhound Racing Analysis Program Package

Software Exchange
29.95

Users enter information from the greyhound racing form and the program evaluates that information, ranking the entries based on past performance. Results may be printed out. There is also a bet-return analysis program to record daily winnings.

Lotta Luck Lottery Licker

Cormar Industries
24.95

This program plays pick-6, daily-3, and daily-4 lottery games. The numbers are chosen by mathematical analysis, and recombinant multiples are generated to help increase the odds of winning. There is a conditional performance guarantee. A tape version is available for \$19.95.

Lottery 64

Superior Micro Systems
29.95

Lottery for the 64 can be used to determine the number-selection methods to use to win lottery games.

Lotto Luck

Xytec
printer optional
9.95

Lotto Luck randomly chooses numbers for any state lottery and can print out the results. It features music, color, and 100 good-luck messages.

GAMES



Lotto Luck helps lottery players pick the numbers to play.

The Lotto Program

Soft-Byte Computer Programs
24.95

The Lotto Program analyzes 30 past winning lottery numbers to help users choose which numbers to play in U.S. or Canadian 6- or 7-number lottery games. Using a chart created by the program, players choose hot or cold numbers, frequency, patterns, sums of digits, digit groups, and odd-even numbers. Each week the data is updated by adding last week's winning numbers.

Pik 'Em 88

Marathon Software
64.95

Pik 'Em 88 is a pro-football prediction program for the 1988 NFL season. Features include season schedules by week and team, scores by week and team, scoring summary, win-loss record for home and away, division standings, accumulated and average stats, and individual team match-ups. Game and player statistics can be entered by the user or ordered on disk for an additional \$40.

Professional Basketball Handicapping System

Software Exchange
disk drive
49.95

Fans can handicap NBA games with this program and data found in the sports section of newspapers. The program analyzes the data and predicts the winner, total number of points, and point spread. It can store data for 23 teams; the data can be displayed or printed.

Professional Football Handicapping System

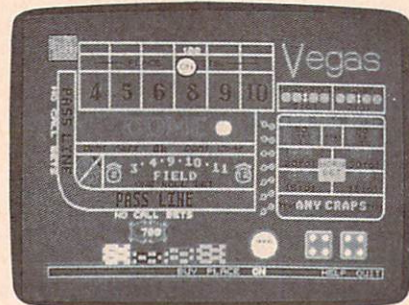
Software Exchange
39.95

Designed to predict the winner, point spread, and total points in NFL games, this program can be used to handicap college football games as well. The user enters the data and the program performs the statistical analyses.

Racing Analysis Program Package

Software Exchange
29.95

This handicapping program analyzes data from past performances of horses and displays the rating number for each. The users enter the information from the racing form. The program can also keep track of bets and winnings. There are versions for thoroughbred and harness racing.



At-home gamblers can play Vegas-style craps with Vegas Gambler from California Dreams.

Vegas Craps

California Dreams
Distributed by Logical Design Works
29.95

Players can place their bets and roll the dice in this recreation of Las Vegas-style craps. The program helps players learn the rules of the game. The bets, odds, and payoffs are the same as in Vegas.

Vegas Gambler

California Dreams
Distributed by Logical Design Works
29.95

This package for at-home gamblers includes Slot Machine, Blackjack, Poker, and Roulette. Each game features color graphics and sound, including the clink

of money falling out of the machines. The games use the same bets, rules, and payoffs as in Las Vegas.



Video Vegas includes four casino games—Draw Poker, Black Jack, Keno, and Slot Machine.

Video Poker

Mastertronic
9.99

Home-style gamblers can play Vegas-like poker machines with this game. The floppy disk contains versions for Commodore 64 and Atari.

Video Vegas

Baudville
29.95

Video Vegas is a four-games-in-one package that simulates casino games in Las Vegas. The games include Blackjack, Draw Poker, Slot Machine, and Keno. The Blackjack game includes a card-counting feature.

SIMULATIONS

For further information, circle Reader Service Number 205.

Ace of Aces

Accolade
14.95

A flight simulator based on the RAF Mosquito fighter bomber, this game contains four missions which can be affected by storm clouds and enemy fighter planes.

Acrojet

MicroProse
joystick
24.95

One to four players compete in the decathlon of sport aviation for the title of world's greatest sports pilot. Each player flies a BD5-J sports jet through Immelmans, precision loops, rolls, and inverted ribbon cuts. The program provides 3-D graphics and complete instrument displays.

B-24

Strategic Simulations
Distributed by Electronic Arts
34.95

This game simulates 19 WWII B-24 Liberator plane missions flown by the 406th Bombardment Group to the Ploesti, Romania, oil fields. Players carry out the duties of the pilot, copilot, navigator, engineer, and bombardier, setting the flight path, speed, altitude, and bomb drop points. Variables include engine performance and accuracy of bombing, as well as random weather conditions. The instrument panel indicates altitude, vertical speed, heading, airspeed, and degree of bank/turn and pitch. There are practice training missions to Mostar and Bucharest.

Chuck Yeager's Advanced Flight Trainer

Electronic Arts
34.95

Computer pilots can learn to fly like General Chuck Yeager, testing new aircraft and performing death-defying stunts. In three levels of instruction, the program explains the basics of flying, such as taking off and landing; advanced maneuvers like aileron rolls and hammerhead stalls; and finally, formation and stunt flying at mach speeds. A test-pilot option lets students test 14 different aircraft using authentic aircraft-evaluation charts, or practice flying a variety of aircraft—Sopwith Camel F-1, Spad XIII, P-51 Mustang, F-16, F-18, or three experimental planes. The flight recorder allows students to create and store their own stunt patterns. A superfast frame rate helps simulate mach-speed flight, and graphics are shown in three dimensions.

Destroyer

Epyx
joystick
39.95

The captain of this Fletcher Class U.S. Naval Destroyer is responsible for the total operation of the ship—radar and sonar readings, depth charges, antiaircraft guns, torpedoes, on-board computer, and repair. The ship must constantly be repaired for all controls to function properly. The captain also has to avoid U-boats, kamikaze pilots, and Zero fighters. There are seven missions to choose, and three levels of difficulty. An instruction manual is included. Joystick-controlled.

Echelon

Access
44.95

Echelon is a top-secret military facility of the twenty-first century where pilots learn to fly the Lockheed C-104 Tomahawk, a space-combat and -exploration vehicle. The player is assigned to patrol a new zone and find the solution to several strange events which have occurred there. The game features four weapons systems, a bidirectional teleporter unit, two 3-D screens, infrared graphics, and the LipStik, a voice-activated-control headset used to give commands to the spacecraft.

EOS: Earth Orbit Stations

Electronic Arts
29.95

As CEO, the player is responsible for every aspect of setting up and maintaining space stations, from construction to making a profit. There are 39 different modules to construct, including a shuttle port, a telescope, and a chemical lab. There are seven versions, each lasting 2–40 hours. The player can also learn about the planets and the solar system while playing.

F-15 Strike Eagle

MicroProse
34.95

Players can take part in seven historical flight missions, from dropping M-82 bombs on a Libyan oil refinery to firing air-to-air missiles at a Syrian fighter. This F-15 combat-jet flight simulator displays more than 24 cockpit controls

and features radar, launch indicators, electronic defenses, missiles, and aerobics and mach-speed capabilities. There are four skill levels.

F-18 Hornet

Absolute Entertainment
Distributed by Mediagenic
34.95

This three-dimensional animated game simulates takeoffs and landings of an aircraft carrier-based fighter jet. Players are challenged to fly training, aerial assault, emergency supply drop, and bombing missions.

F-86 Saber Strike

Accolade
29.95

Players are in the pilot's seat of the F-86 Saber Jet, the plane credited with winning the Korean War. After mastering the test-flight mission, players must break the sound barrier and then fly battle missions. The game is set during the Korean War.

First over Germany

Strategic Simulations
Distributed by Electronic Arts
49.95

Players assume the role of a pilot in the first B-17 bombing raid over Nazi-occupied Europe. Eight training missions over the North Atlantic to England are available to test players' skills. Once the training is over, there are 25 combat missions to challenge the pilot. Realtime flight elements are included, such as animated combat sequences where the gunner shoots at incoming planes.

Flight Simulator II

SubLogic
joystick optional
49.95

Players can simulate flying a Piper 181 Cherokee Archer plane to over 80 airports in four scenery areas, practicing takeoffs, landings, and aerobatics, and even taking part in a WWI Ace aerial battle. Flight controls and instrumentation are displayed on the computer screen, and the view outside the cockpit appears in high-speed, three-dimensional graphics.

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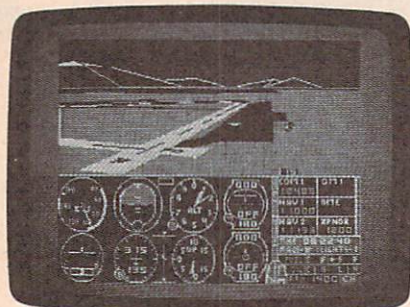
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Computer pilots can fly a Piper 181 Cherokee Archer with Flight Simulator II for the 64.

Garry Kitchen's Star*Fighter

Absolute Entertainment
Distributed by Mediagenic
\$4.95

Garry Kitchen's Star*Fighter puts the player in the cockpit of a fusion-powered intergalactic interceptor space-fighter. The craft is equipped with particle lasers, photon torpedoes, heat-seeking missiles, an on-board computer system, shields, and computerized maps of interstellar space. Players travel through a three-dimensional galaxy of 512 sectors that include suns, star bases, armories, and planets. Asteroids, enemy ships, satellites, and hostile aliens must be avoided.

Gato

Spectrum HoloByte
\$4.95

Control panels constantly display the speed, depth, heading, and radar trackings of a WWII Gato Submarine. The player is challenged to carry out missions in the South Pacific and return to home base without being detected or destroyed. Digitized voice commands relay the missions from SUBCOM. Levels of difficulty increase as the game continues.

Gunship

MicroProse
joystick
\$4.95

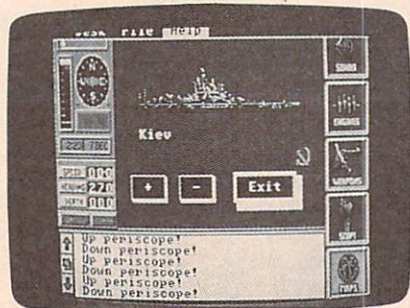
Players take control of an AH-64 Apache helicopter to carry out seven rescue, search and destroy, and covert missions. The Apache is loaded with 11 guided missiles, four guns, Hellfire laser missiles, a zoom-TV gun sight, and the integrated helmet targeting system (IHITS). The missions take place around the world, from Southeast Asia to Cen-

tral America. This flight simulation program uses 3-D graphics and a joystick flying system and varies in difficulty from training to expert levels.

Harrier Combat Simulator

Mindscape
\$29.95

Developed in conjunction with the British Aerospace, this game simulates air-to-air and air-to-ground combat flight of the Harrier aircraft. Players can maneuver the jet through vertical takeoffs, barrel-roll attacks, air and ground combat, and firing heat-seeking Sidewinder missiles and 30mm cannons. The mission is to destroy the enemy's headquarters 500 miles away without being detected and shot down by a supersonic MiG-23. Onscreen instruments, aircraft response, and visual feedback help guide the player. There's a practice mode for developing flight and combat skills, and the player can choose pilot, commander, or ace level for the combat mode.



The Soviet commander of the Red October submarine plots to defect in The Hunt for Red October.

The Hunt for Red October

DataSoft
joystick or mouse
\$39.95

Players assume the role of a Soviet submarine captain, who wants to defect to the United States and turn over his Red October submarine in the process. The captain must not let his 113-man crew become aware of the defection plan. He must also keep the Russians in the dark, and defect to the U.S. at the best possible time. The game begins off the coast of Iceland, where the player will encounter Russian, U.S., and NATO forces. The player has all of the sub's weaponry and special features at his or her disposal. The longer the mission, the greater the chance of Soviet detection, and the Soviets have been

instructed to destroy the sub should a defection be found out. The game's options are icon-driven and a mouse or a joystick can be used to issue orders.

Japan Scenery Disk

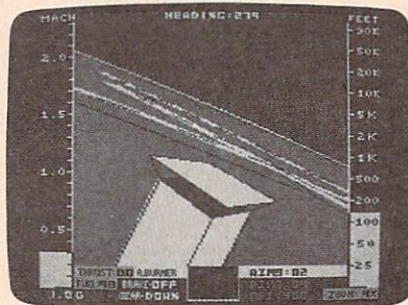
SubLogic
Flight Simulator II, Stealth Mission, or Jet
\$24.95

A scenery disk to be used with Flight Simulator II, Jet, or Stealth Mission, this disk covers the area from Tokyo to Osaka, Japan, in detail. It can be used for visual flight or cross-country navigation and includes downtown Tokyo, Mt. Fuji, the Shin Kansen bullet-train network, Osaka castle, and many mountains, lakes, and waterways.

Jet

SubLogic
joystick optional
\$39.95

Players can take the pilot's seat of an F-16 Fighting Falcon or F-18 Hornet jet fighter. There's a free-flight mode for noncombat maneuvers, as well as various options for aerial dogfights or target strikes. The package includes the Japan Scenery Disk. A package without the scenery disk is available for \$29.95.



Pilots of an F-16 fighter jet get this cockpit view of a control tower in SubLOGIC's Jet.

Kennedy Approach

MicroProse
\$24.95

This simulator puts the player in the air traffic control towers of some of the busiest airports. A computer-generated voice provides the communications from approaching aircraft and warns of life-threatening emergencies. The player must safely land all the planes, ranging from two-seater private planes to the Concorde.

Locomotive Switcher

Signal Computer Consultants
30.00

High-resolution graphics, sound, and car-motion logic add to the realism of this railroad switching program. There are two modes of operation; in flat-yard mode, the train cars are moved to the shipping docks by user and computer commands. In the hump-yard mode, the cars roll freely to the dock, and the operator must determine the retarder speeds and switch alignments. The object of the game is to minimize the number of moves and damage.

PHM Pegasus

Lucasfilm Games
Distributed by Electronic Arts
29.95

The player is the commander of a U.S., Italian, or Israeli patrol hydrofoil missilecraft (PHM), a naval vessel which can travel at 50 knots and cut through 20-foot waves. The PHM carries a 76mm automatic rapid-fire cannon, harpoon cruise missiles, Gabriel missiles, radar, and on-board chaff for defense. The game contains eight missions in locations around the world, including the Persian Gulf, Mediterranean, and the Gulf of Sidra; color maps are also provided. Winning game players are rewarded with promotions.

Project: Stealth Fighter

MicroProse
39.95

Players can fly a new stealth aircraft on secret missions over North Africa or the Eastern Bloc countries, carrying out bombing raids and gathering classified information. Not only must the pilot be able to fly and fight the aircraft; he or she also has to master the jet's electromagnetic profile to avoid radar detection. The graphics portray heads-up displays (HUD) and 3-D cockpit views.

Richard Petty's Talladega—3D Nascar

Cosmi
12.95

Players can race against King Richard Petty and 18 other top Winston Cup drivers in this stock car-racing simulation game.

San Francisco STAR Scenery Disk

SubLogic
Flight Simulator II, Stealth Mission, Jet
24.95

A scenery disk to be used with *Flight Simulator II, Jet, or Stealth Mission*, this disk covers the San Francisco Bay Area in detail. It is designed for visual flight or VFR or IFR cross-country navigation and includes Fisherman's Wharf, Alcatraz Island, the Golden Gate and Bay Bridges, and prominent buildings in the San Francisco/San Jose/Oakland areas.

Scenery Disk #7

SubLogic
Flight Simulator II, Jet, Stealth Mission
24.95

One in a series of disks that provide additional scenery and flying environment when used with *Flight Simulator II, Jet, or Stealth Mission*, this disk includes airports, radio-nav aids, cities, highways, rivers, and lakes, and covers parts of the east coast—Washington, D.C.; Charlotte; Jacksonville; and Miami. It can be used for visual flight and VFR or IFR cross-country navigation.

Scenery Disk #11

SubLogic
Flight Simulator II, Jet, Stealth Mission
24.95

One in a series of disks that provide additional scenery and flying environment when used with *Flight Simulator II, Jet, or Stealth Mission*, this disk includes airports, radio-nav aids, cities, highways, rivers, lakes, and a hot-air balloon for the northeastern border. There are views of Detroit, Pittsburgh, and Niagara Falls.

Shirley Muldowney's Top Fuel Challenge

Cosmi
24.95

Top Fuel Challenge is a simulated drag-racing game where players race against three-time world champion Shirley Muldowney. Players select their equipment, qualify, burn in their tires, stage the dragster, watch the light tree, pop the clutch, and hit the throttle.

Silent Service

MicroProse
34.95

The player commands a WWII submarine in the South Pacific in this simulation that includes five different battle-station screens and a map of the South Pacific. There are six historical missions requiring surface attacks with the five-inch guns, careful tracking, and hitting enemy troopships with torpedoes. To survive, the player must also avoid depth charges, destroyer detection, and shallow water. Graphics include the bridge, conning tower, torpedo room, and periscope. Skill levels range from gunnery to patrolling the Pacific.

Solo Flight

MicroProse
24.95

This is a civilian flight simulator that lets the player experience the thrill of a first solo flight. Onscreen instructions guide the pilot through the basics of flight. There are 21 airports to fly into, and a mail-mission option gives the player the opportunity to choose a route to follow in delivering the airmail. The program features instrument displays, navigation maps, dual VORs, emergencies, and weather changes.

Sonar Search

Signal Computer Consultants
15.00

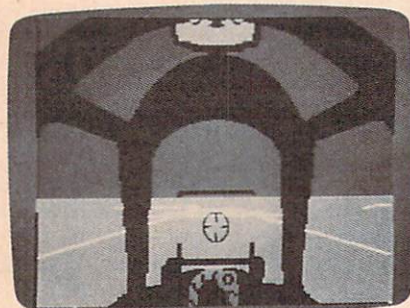
As a WWII destroyer commander, the player uses sonar to find, track, and destroy five enemy submarines. The commander must also recognize the sound of oncoming torpedo propellers and alter course before the ship is hit. The game uses high-resolution graphics and sound. Recommended for players over the age of 12.

Spitfire 40

Avalon Hill
35.00

Players can fly a Mark II Supermarine Spitfire simulation, shoot down German bombers before they reach Britain, land, and record flight hours and number of kills on a disk. Medals are awarded, and there is a flying certificate for 50 hours in flight. The screen displays a full-color instrument panel.

GAMES

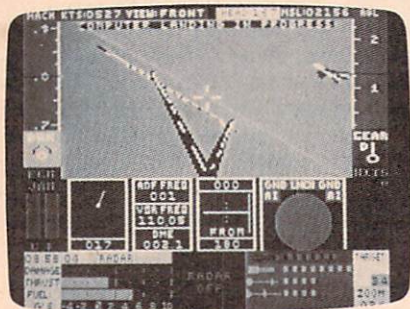


World War II aces track and shoot down German bombers in the flight simulator, Spitfire 40.

Stealth Mission

SubLogic
49.95

Computer pilots can fly three different jets in this simulation—the F-19 Stealth fighter, experimental forward-swept-wing X-29, and a Navy F-14 Tomcat. There are eight missions and ten skill levels to challenge the flyers. A targeting computer helps detect, track, and lock onto enemy targets in order to fire air-to-air or air-to-ground weapons. Electronic countermeasures help protect from attack; plus, the stealth fighter is designed to avoid detection. And an airborne KC-10 is available for refueling. In addition to the instrument displays and cockpit views, there are also spot plane, control tower, map, and missile's-eye views. The program is compatible with scenery disks.



Stealth Mission, from SubLOGIC, gives computer users the chance to fly an F-19 Stealth fighter, a Navy F-14 Tomcat, or an X-29 jet.

Steel Thunder

Accolade
29.95

Players can command one of four tanks on a choice of three battlefields: West Germany, Libya, or Cuba. Players can assume the role of tank commander, driver, or gunner and view the scrolling terrain from inside the tank or use the

scope to view the action close up. Players can control an M48A5 Patton Battle Tank, an M60A3 Main Battle Tank, an M3 Bradley Cavalry Fighting Vehicle, or an M1A1 Abrams Battle Tank.

Strike Fleet

Lucasfilm Games
Distributed by Electronic Arts
29.95

Players can travel to the hot spots of the world in this naval simulation. Destination and defense are controlled by players as they pass through the Persian Gulf, relive the Falkland Islands situation, and cruise the waters of the North Atlantic. Players must choose the size and outfitting of the fleet. Missions range from defending the USS Stark to global campaigns. Up to 16 vessels and four helicopters can be controlled at one time.

Sub Battle Simulator

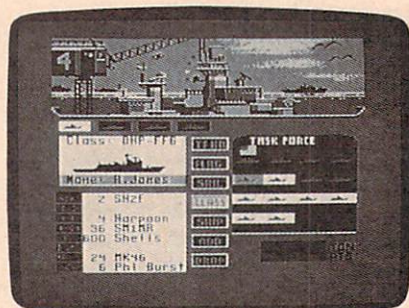
Epyx
39.95

As commander of a WWII submarine, the player can choose from 24 American and 36 German missions, including seek and destroy, rendezvous, life-guarding, and patrol. There are six classes of U.S. Navy submarines and German Kriegsmarine U-Boats, each individually outfitted with equipment characteristic of the 1939-45 era. The missions are based on historical data, and there are three modes of command—target practice, single mission in a combat setting, and wartime command for the duration of the war. Weapons include antiaircraft guns, torpedoes, mines, and deck guns. The player also has to be on the lookout for destroyers, depth charges, aircraft, and inclement weather. A manual and quick-reference command card are included.

Super Dispatcher

Signal Computer Consultants
35.00

The advanced version of *Train Dispatcher* expands dispatcher control to 60 trains on single, double, and triple tracks in three territories. Added features include signal fleeting, train reversing, and randomly introduced hot boxes and derailments.



Naval commanders outfit their fleets and undertake missions such as defending the Persian Gulf and coming to the aid of the USS Stark in Strike Fleet.

Super Huey

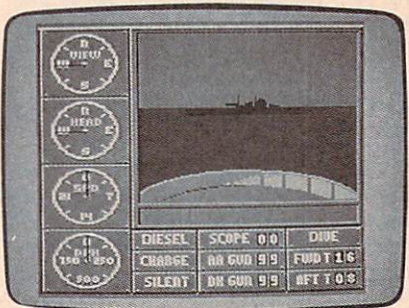
Cosmi
14.95

Players command a helicopter in this simulation game.

Super Huey II

Cosmi
19.95

This updated version of *Super Huey* contains new instrumentation. Six new scenarios include Renegade, Brush Fire, Gulf of Terror, Bermuda Triangle, Arctic Rescue, and Oil Blaze.



In the World War II submarine simulation, Sub Battle Simulator, captains can torpedo battleships on the surface or dive to avoid detection.

Super Track Builder

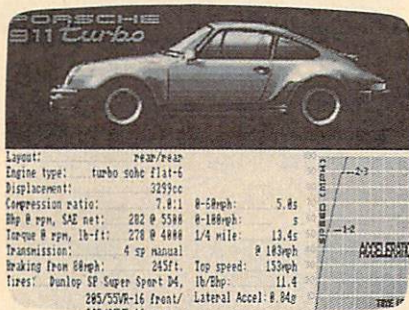
Signal Computer Consultants
Super Dispatcher
20.00

Super Track Builder lets players build their own single-, double-, and triple-track territories to use with *Super Dispatcher*. Dispatchers can design tracks with unlimited switches, block mileage, and train-position configurations, and even name the stations.

Test Drive

Accolade
joystick
29.95

In this driving simulation game, players can test-drive a variety of high-performance cars, including the Ferrari Testarossa, Lamborghini Countach, Lotus Esprit Turbo, and Porsche 911 Turbo. The interior of the car and road are displayed as seen by a driver. The player must drive a section of highway within a certain time frame. Obstacles include traffic, falling rocks, and the Highway Patrol.



The Porsche 911 Turbo is just one of the cars players can drive in Test Drive.

ThunderChopper

ActionSoft
29.95

Players are in command of a Hughes 530MG Defender helicopter, facing escort, land and sea rescue, and combat scenarios. The action can be seen through the cockpit windows in day, dusk, or night flight modes. The on-board flight computer provides mission instructions and pilot-performance feedback while monitoring the status of all on-board systems. Advanced instrumentation is patterned after equipment now being tested by the U.S. Army. Armament includes TOW and Stinger missiles, a Hughes Chain Gun, and Zuni rockets.

Tomahawk

Datasoft
29.95

The player can select combat or training missions to fly a U.S. Army Apache helicopter in this flight simulation. Choices include ground attack, air-to-air interception, day and night vision systems, and flying on instruments. The display is three-dimensional.

Top Gun

Thunder Mountain
Distributed by Mindscape
9.95

Players can take the pilot's seat of an F-14 Tomcat in this combat-flight simulation. The jets are equipped with heat-seeking missiles and 22mm rapid-fire cannons to shoot targets, or the pilot can maneuver the jet out of the way of enemy fire. Two players compete against each other, or one goes against the computer.

Top Gunner Collection

MicroProse
24.95

Three flight simulators are included in this one package. *Hellcat Ace* is a WWII air-to-air combat simulator that takes the player on 14 missions over the Pacific. Maneuvers include loops, aileron rolls, bail-outs, and ocean ditches. An F-86 Sabre battles a MiG-15 over Europe in *MiG Alley Ace*. One or more players can challenge each other or the computer in this WWII combat-flight simulator. Players fly a rescue helicopter through an underground labyrinth in search of trapped captives in *Air Rescue*. All three games feature multiple difficulty levels.

Train Dispatcher

Signal Computer Consultants
25.00

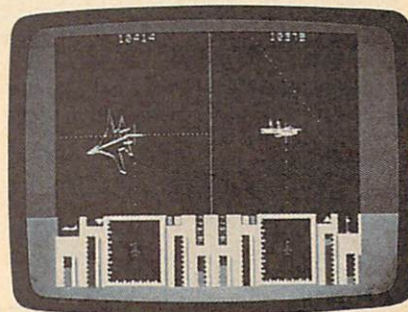
The game allows the player to control the movement and location of 12 trains in a 150-mile radius. As train dispatcher, the player is in control of 20 switches and 64 signals for both single- and double-track sections. Twenty-three screens are automatically updated to monitor the traffic.

U.S.S. Ocean Ranger

Activision
Distributed by Mediagenic
34.95

U.S.S. Ocean Ranger, a simulation of a next-generation missile ship, features battle encounters in four major military hot spots. Players assume the role of captain of this heavily armed missile ship as it destroys primary and secondary targets, protecting U.S. interests and ridding the world of Communist insurgents. The theaters of operation

include the Bering Sea, Southeast Asia, Central America, and the Persian Gulf. Players can move up the ranks from basic training to National Security Council assignments. The map, damage, briefing, and store screens can be selected by players during gameplay. Players have access to a 360-degree point of view.



Heat-seeking missiles and rapid-fire cannons are used to shoot down targets in Top Gun.

SPACE AND SCIENCE FICTION

For further information, circle Reader Service Number 206.

Aliens: The Computer Game

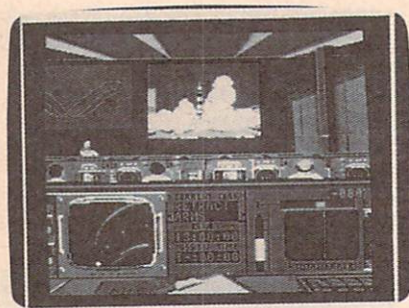
Solid Gold Software
Distributed by Mediagenic
14.95

Based on the recent movie of the same name, *Aliens* is a fast-action program that reproduces many of the elements in the motion picture through the use of simulation, mazes, karate sequences, and other arcade-style game features.

Apollo 18: Mission to the Moon

Accolade
29.95

Players can be both astronaut and mission-control specialist in this space-mission simulation based on the Apollo flights of the 1960s. Eight stages of play depict the actual stages of moon flight. The player earns points for successfully completing each stage, and a minimum score is required to progress to the next stage. The game features digitized voice commands and sound effects.



Apollo 18 recreates the Apollo missions into space and to the moon.

Captain Blood

Mindscape
\$9.95

Fractal and vector graphic techniques are used to create the screens in this space game. Captain Blood must search for and destroy the Captain Blood clones scattered around the galaxy before they drain his energy.

Captain Zapp

Mastertronic
\$9.99

Captain Zapp has 24 hours to save the world. The player must guide the spaceman through three challenges to destroy an evil tyrant.

Deep Space: Operation Copernicus

Sir-Tech Software
\$9.95

In the year 2123 the player is the pilot of a Katana warship on the way to protect Earth's interests in the Asteroid Belt. There are four missions in this space-combat program which tests flying and fighting abilities. The graphics are three-dimensional, and the objects in space, including the spaceship, respond to the actual laws of motion in space. A representation of the ship's instrument panel is displayed on the screen. The program is packaged in a sealed envelope with a letter from the President, a preflight briefing card, a memo, and an intelligence report.

Ebonstar

Microillusions
Distributed by Mediagenic
\$9.95

This seek-and-destroy space adventure can be played with up to four players. The game is set in 3000 A.D., when mankind has conquered space and eliminated disease, war, and poverty. The favorite sport of thirty-first-century man is hunting and destroying black holes. More than 50 levels of difficulty and complexity are available to challenge players.

Eliminator

Thunder Mountain
Distributed by Mindscape
\$9.95

Players can pilot an eliminator craft across enemy territory and fight off invading ships.

Energy Warrior

Mastertronic
joystick
\$9.99

As warden for three of the largest reserves on Earth, the player must defend the resources from displaced aliens that are invading the planet. The player has one craft in which to fly around and protect ten areas. Bonus points are gained by killing aliens. The game features parallax scrolling, hundreds of aliens, and bonus weapons. For one player with joystick.

Leviathan

Thunder Mountain
Distributed by Mindscape
\$9.95

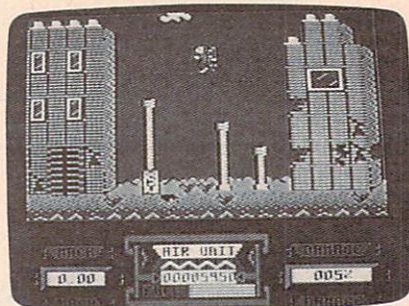
The player maneuvers his or her spaceship, Leviathan, through three planet areas over scrolling landscapes, attempting to vaporize enemy ships.

Mainframe

Microillusions
Distributed by Mediagenic
\$9.95

Mainframe is set in a time when computers control nearly every aspect of society. The head of the worldwide network is the TriComplex III, which is out to destroy humanity. The only hope is Orbitor, an uncompleted satel-

lite that has not yet been linked to the network. With Orbitor and an assortment of assault devices, players must save the world by shutting down TriComplex III's four main power switches, located below the ocean.



Players try to shut down the four main power switches of TriComplex III in Mainframe.

The Mars Saga

Electronic Arts
\$34.95

In the year 2100 A.D., the planet Mars has been developed into a mining colony staffed by convicts. Players assume the role of commander of a supply transport to the Martian colonies. The starship becomes disabled on the planet, leaving the player with little money. The object of the game is to obtain the resources to repair the ship and return to Earth.

Neuromancer

Interplay
Distributed by Mediagenic
\$39.95

Based on a science-fiction novel by William Gibson, *Neuromancer* features a digitized soundtrack by Devo. Players find themselves in Chiba City, where computer hacking can get a person killed. As a cowboy or hacker, the player has the ability to project his or her consciousness into Cyberspace, an electronic universe that ties together all computer networks. Players are confronted with Intrusive Countermeasure Electronics and various artificial intelligences. To do battle, players are armed with 30 megs online, three viruses, six icebreakers, and a ROM construct. Over 57 real-world locations can be explored. Virus programs can be used to defeat computer security in over 40 databases. The game can be played by keyboard or joystick.

Power

Avantage
Distributed by Accolade
14.95

The player must protect Earth's mitonium plants from a terrorist attack by the alien Demoids. A space-war game.

Project: Space Station

Avantage
Distributed by Accolade
14.95

Players can design and build a space station, using the shuttle, and then keep it operating administratively and financially. The person in charge must carefully spend the allotted funds, select the crew based on skills and personality, and choose the materials to be used in the operation. He or she can then launch the shuttle and pilot it to the station. There are also over 40 research and development projects that may be used for investment and to finance the space station.

Prowler

Mastertronic
9.99

In this space-battle game, the player flies a futuristic assault helicopter on combat missions to rid the planet Ferantoo of aliens. The floppy disk contains versions for the Commodore 64 and the IBM PC and compatibles.

Rasterscan

Mastertronic
joystick optional
9.99

Rasterscan is a disabled starship that is being drawn into the fire of the star Auchon. As a result of the freak electrical storm, the player cannot walk, has amnesia, and must use an MSB Droid to perform all the tasks to save the starship. Problems such as repairing pipes, fixing engines, and opening locks are presented in a graphic format. For one player. The floppy disk contains versions for the Commodore 64 and the IBM PC and compatibles.

Reach for the Stars, Third Edition

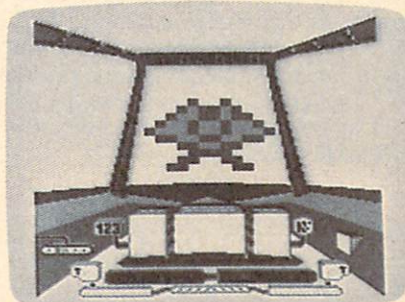
Strategic Studies Group
Distributed by Electronic Arts
39.95

One to four players compete to colonize and equip empires in space to protect their races from impending galactic war. Empires can be built and maintained by improving the industry and environment, and by building warships. There are four classes of warships, transports, and explorers. Game options include novas, natural disasters, solar debris, and xenophobes. A tutorial is included.

Roadwars

Arcadia
Distributed by Electronic Arts
29.99

In the twenty-fifth century, the Galactic Federation rules, and computers and robots do all the work. Moons are connected by roadways controlled by computers. When one of those computers malfunctions, the player, commander of a battlesphere tank, is sent in to repair the roadway and clear the debris. A laser cannon helps blast barricades as well as aliens.



Hawkins is a Starfox space fighter who tries to protect and maintain the Rubicon Alliance.

Rubicon Alliance

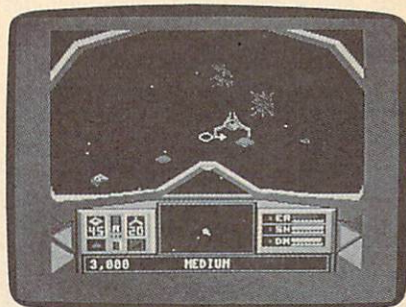
Datasoft
joystick
19.95

A ninth planet, Nono, attempts to destroy the Rubicon Alliance created among the eight planets in the Hyturan Star System. The player takes the role of Hawkins, a Starfox space fighter, who undertakes a mission in eight stages to find and defeat Nono and save the Alliance.

Skyfox II: The Cygnus Conflict

Electronic Arts
29.95

In this sequel to *Skyfox*, players again use the warp-speed space fighter, *Skyfox*, to fight for the Federation in the Cygnus Constellation. The *Skyfox* is equipped with neutron disrupters, photon pulse bombs, antimatter mines, and other weapons, and can travel at a speed of 9000 kilometers per second. There are seven scenarios covering an area of over 50 star bases. Action takes place in 3-D graphics at a fast-frame rate.

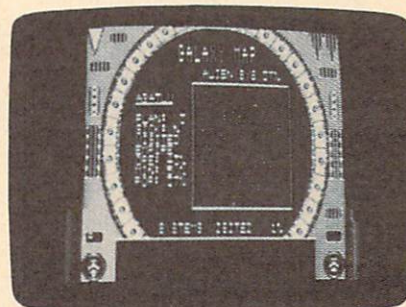


The Skyfox fighter craft is the Federation's main defense in Skyfox II.

Star Empire

First Row Software
24.95

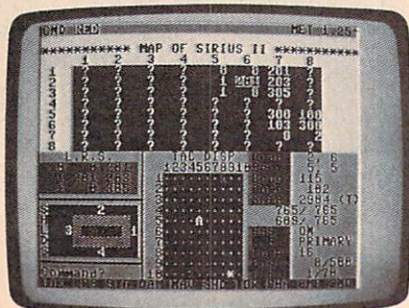
In this space adventure game, players take part in an assortment of missions to become the greatest space pilot and win an empire.



Players face a variety of obstacles as they undertake the missions in Star Empire.

Star Fleet I*Interstel**Distributed by Electronic Arts*
39.95

FLEET members begin as cadets in the academy and compete to advance to Admiral Emeritus, where they can control 36 galactic cruisers, 13 ship systems, and 500 crew members in an attempt to eliminate evil from the galaxy. Communication is conducted through the Star Fleet Headquarters BBS. Features of this space strategy game include phasers, torpedoes, shields, transporters, mines, computers, navigation, color animation, sound effects, and music. The package includes a 100-page officer's manual and a quick-reference command card.



Cadets try to advance to the rank of Admiral Emeritus and control a massive space fleet in Star Fleet I.

Starglider*Rainbird**Distributed by Mediagenic*
19.95

The player is commander of an airborne ground-attack vehicle challenging the almost-invincible Starglider. To defeat the ship requires quick reflexes, skill, and a few tricks. Maneuvers occur in 3-D animation. The package includes a flight training manual, a color poster, a key guide, and a novella which sets up the story.

The Transformers: Battle to Save the Earth*Solid Gold Software**Distributed by Mediagenic*
14.95

The player uses eight Autobots to stop the Decepticons from stealing energy and taking over Earth. The player controls the Autobots from transformation stages to actual battles. The game is based on the Transformer toys by Hasbro.

Trek 128*Byte Power**Commodore 128 in 80-column mode*
19.95

In this space-battle game, the galaxy is divided into eight rows of eight quadrants, and each quadrant is divided into sectors. As commander of the U.S.S. Enterprise, the player must attack and kill all the Klingons that occupy the same quadrant. Weapons include phasers and photon torpedoes, and deflector shields can be used for protection. Additional resources can be mined from nearby planets, and stars can be blown up to destroy anything nearby. The spaceship can be piloted under warp drive or impulse power, or it can dock at one of the five star bases to refuel. Strategy can be planned using the long-range scanner, short-range scanner, and a star chart. With the time-left feature, the player races against the clock as well as the Klingons to save the Federation. Upgrades are available to registered users for \$5.

The Twilight Zone*First Row Software Publishing*

39.95

At first the several stories in this program may seem unrelated, but as play progresses they merge into one plot with a twist ending. Modeled after the television series, the program includes the "Twilight Zone" music and soundtrack as well as the characteristic prose style of Rod Serling.

Uridium*Mindscape*

29.95

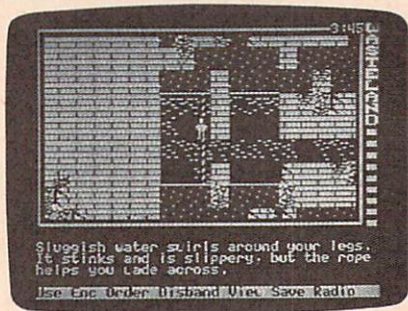
Enemy Super-Dreadnought ships are stealing the mineral resources from all the planets in the solar system and gradually destroying each planet. As the only remaining Manta fighter, the player must stop this attack, destroy the enemy fighters, and then land on each Super-Dreadnought ship and defeat it. There are 15 levels of play.

Wasteland*Electronic Arts*

39.95

This futuristic role-playing game is set in the Southwestern deserts of the United States. Players must survive in the postnuclear radioactive year of

2087. After the world powers have destroyed most of the world, the player must put together the Desert Rangers, who must protect people from wandering mutants and help other survivors rebuild and live in peace.



The player tries to survive in a postnuclear desert in Wasteland.

SPORTS

For further information, circle Reader Service Number 207.

Beach Blanket Volleyball*Artworx*

14.95

One or two players can practice three-on-a-team beach volleyball with this game. There are nine levels of difficulty and a self-running demonstration. For ages 14 and up.

Bop'n Wrestle*Mindscape*

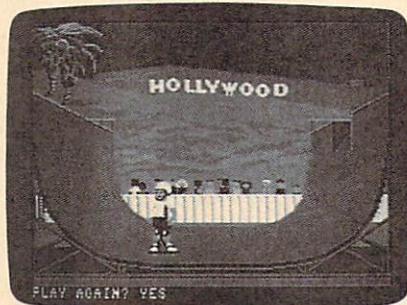
29.95

Gorgeous Greg fights for the professional wrestling championship belt against ten other contenders with moves like the airplane spin, back breaker, drop kick, full Nelson, pile driver, stump, and flying body press. Two players can control opposing contenders, or one player can challenge the computer. The action takes place in a three-dimensional ring and requires either joystick or keyboard input.

California Games

Epyx
39.95

Up to eight players can take part in this survey of California-style recreation. Games include surfing, throwing flying discs, skateboarding, roller skating, and riding BMX bicycles.



Skateboarding is just one of the games to play in California Games from Epyx.

Championship Baseball

Solid Gold Software
Distributed by Mediagenic
14.95

In this baseball simulation the user controls the action—hitting, pitching, catching, running the bases, and sliding. Split-screen graphics allow players to view the plate and the whole field at the same time. The game offers a four-division, 24-team league.

Championship Wrestling

Epyx
19.95

With this game, one or two players can experience the slams, smashes, and throws of championship wrestling. The game incorporates 25 wrestling moves, including some of the dirty tricks involved in the sport, and the crowd takes part in the action, too. There are eight wrestlers, and they can perform in three modes—practice, competition, and world records. Records of each wrestler are updated after each competition.

Computer Quarterback

Strategic Simulations
Distributed by Electronic Arts
joystick
14.95

This pro-football game begins with the pro draft. The player has \$3 million

with which to draft a complete team. The teams have an arsenal of 36 offensive and 24 defensive plays to use against each other or the Robots, the team controlled by the computer. A clock makes sure the game is played in realtime—the team has to hike the ball in 30 seconds to avoid being penalized.

Computer Statis Pro Baseball

Avalon Hill
joystick optional
35.00

This game uses actual major league baseball player statistics. As manager, the user chooses the lineups and makes substitutions; as a baseball player, he or she takes part in the action—hitting, pitching, fielding, and stealing bases. Major league season disks are available separately.

Equestrian Showjumper

Artworx
14.95

Up to six players can compete in this steeplechase game. Each player controls his or her horse's walk, canter, gallop, turns, jumps, and other movements. There are 12 steeplechase courses with walls, fences, and gates to jump, or players can use the editor to design their own course. A master scoreboard updates scores and faults. For ages 14 and older.

Famous Courses of the World

Access
World Class Leader Board
19.95

Additional courses are provided for use with *World Class Leader Board*. Volume I contains Harbour Town, Sunningdale, Dorado Beach, and the Access course, Pine Ridge. Volume II includes Pebble Beach, Muir Field, Colonial Country Club, and a course designed by Access, Glenmoor Country Club.

Fast Break

Accolade
29.95

This three-on-three basketball game features full-court action from a television perspective. Players can choose offensive and defensive plays and substitute players. The game is played un-

der professional rules with three-pointers and slam dunks. For one or two players.

Fight Night

Accolade
14.95

This boxing game requires strategy as well as skill. It includes a boxer construction set.

Final Assault

Epyx
39.95

Thrill-seekers can practice climbing some of the world's most treacherous peaks with this mountain-climbing game. Mountain climber Eric Escoffier provided design assistance for the rock faces, glaciers, crevasses, and chasms found along the trails. Players must choose which supplies to backpack from over 50 items. Onscreen variables include temperature, time, altitude, and physical state of the climber. There is a training course before the climb, and a safety guide is provided.

Football

Software Simulations
joystick
29.95

One or two players can participate in this football simulation game. The performance of the players is determined by speed, power, and catching ability. Users can determine their own playing parameters and call all the shots from the sidelines. Players control the quarterback and receivers on offense and one key player on defense.

4 × 4 Off-Road Racing

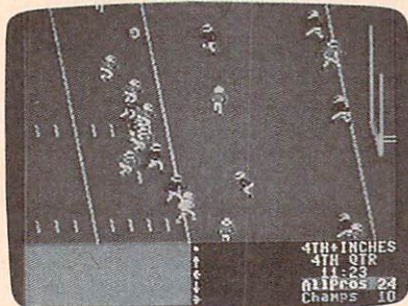
Epyx
39.95

Players choose their own 4 × 4 vehicles and load them up with the equipment they'll need for an off-road race through heat, freezing cold, mud holes, and over hills. Besides getting their trucks over the terrain, players also have to look out for a renegade demon truck. Strategy, driving skills, endurance, and a well-equipped truck will help determine the winner of this race.

4th and Inches

Accolade
joystick
29.95

4th and Inches features three screens—a scrolling football field, a statistical screen that shows the players' performance and personal records, and a play menu from which to choose offensive and defensive plays. The game incorporates 22 players, the football, and the ball's shadow. The view of the field is from the press box, and action follows the player with the ball. The players' energy levels decline as the game progresses. For one or two players.



Players view the football field from the press box in *4th and Inches*.

4th and Inches Team Construction Disk

Accolade
4th and Inches
19.95

The *Construction Disk* is a supplement to the *4th and Inches* game disk that allows players to create their own teams.

The Games: Summer Edition

Epyx
39.95

The *Summer Edition* is the official computer game of the 1988 U.S. Olympic Team. Players can participate in events such as the hurdles, pole vault, uneven parallel bars, rings, springboard diving, and velodrome sprint cycling. The action can be viewed from first-person perspective or camera-angle points of view. Players can attend opening, closing, and awards ceremonies.

The Games: Winter Edition

Epyx
39.95

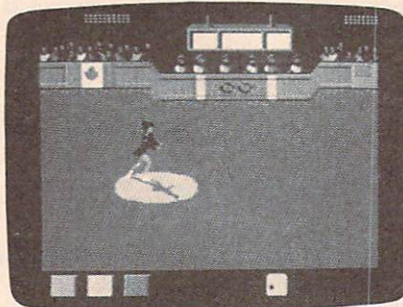
Players can compete in seven Winter Olympic trials—oval-track speed skat-

ing, downhill skiing, slalom, luge, ski jump, figure skating, and cross-country skiing. The screen can display camera-angle points of view to resemble actual television coverage, and in the downhill skiing competition, players can position the cameras to monitor their performance. Up to eight players can take part in the events, based on the Olympic competition held in Calgary, Alberta, Canada, in 1988. The game was designed with assistance from the U.S. Olympic Team affiliates and videotapes from the U.S. Olympic Committee.

GBA Championship Basketball Two-on-Two

Solid Gold Software
Distributed by Mediagenic
14.95

Each player can control two men in basketball competition—two against two, one on one, or one or two players against the computer. The teams play in 24-team leagues, and the players are based on real pro-basketball players. There are several practice games, including practice shooting, horse, one on one, and around the world. Crowd noises provide background sound effects, and a sample sports page is updated with the results of each game.



Players can compete in figure skating and other winter sports in *The Games: Winter Edition*.

GFL Championship Football

Gamestar
Distributed by Mediagenic
34.95

This football simulation is played using an on-the-field perspective. The action takes place on the field, where the user is actually running plays and taking hits.

Golf Package

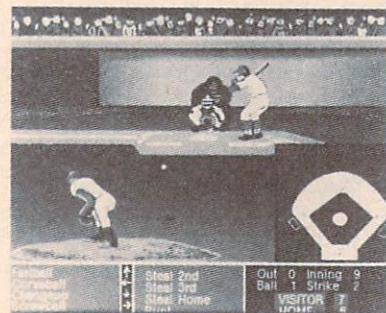
McConnell Software
29.95

Golf Package can be used to find USGA, RCGA, SSS, Callaway, and nine-hole league handicaps. Records of parts of the game can be maintained with Golf Stats, and Team Handicaps can be used by team players.

The Great American Cross-Country Road Race

Solid Gold Software
Distributed by Mediagenic
14.95

This 3000-mile car race takes place across the U.S. The player chooses which route to take through which cities in order to finish in the top ten. Variables include weather, fuel, road conditions, and the competition.



Hardball is a 3-D recreation of the nation's favorite pastime.

HardBall!

Accolade
14.95

A baseball simulation, *HardBall* offers a 3-D perspective of each field angle. Different screens provide the strategy selections for the managers. There are six pitches that can be thrown by left- or right-handed pitchers, and players appear in large-sized graphics.

Highland Games

Artworx
14.95

Players ages 9 and up can test their skills at traditional Scottish competition with *Highland Games*. There are six events—hammer throw, discus, long jump, caber toss, weight toss, and tug-of-war—with bagpipe sound effects in the background. For one or two players.

Hole in One Golf

Artworx
14.95

Players can tee off on the North Course and play a round of golf at the Fairport Country Club, or use the editor to design their own golf course. This golf game includes backspin, topspin, hook, slice, and power of the swing, as well as water traps, rough, and bunkers. The zoom feature magnifies the putting area on the green. The disk contains the master program and six additional courses. For players aged 14 to adult.

Indoor Sports

Mindscape
29.95

This sports package contains four different indoor games to play—air hockey, table tennis, bowling, and darts. Players can compete against each other or the computer. The program includes 3-D graphics and animation.

International Hockey

Artworx
19.95

The fast action of hockey is recreated in this game for players aged 8 and older. *International Hockey* includes body checks, fighting penalties, puck passing, graphics, and sound effects such as crowd noise, organ music, and digitized speech. One or two players can compete in three skill levels.

Jack Nicklaus' Greatest 18 Holes of Major Championship Golf

Accolade
29.95

Jack Nicklaus' Greatest 18 Holes of Major Championship Golf is based on the recently released videotape from the ABC Sports Video library. This golf simulation features Nicklaus's favorite 18 holes of major championship golf along with two additional Nicklaus-designed courses. Players can compete against up to three other human opponents, a computerized Jack Nicklaus, or a variety of computerized men and women. Other features include a choice of Skins scoring or stroke play; pro, men's, or ladies' tees; wind intensity and direction; and uphill or downhill lies.

John Elway's Quarterback

Melbourne House
Mastertronic
29.99

Based on the arcade game of the same name, *Quarterback* requires strategy and playing ability. Players must call the plays and then carry the action out on the field. Features include a choice of all 28 NFL teams, arcade-style graphics and animation, and digitized sound effects.

Jonah Barrington's Squash

Mastertronic
joystick optional
9.99

Squash is a simulation of the fast-moving court game. It includes game rules, control over all shots, international scoring on the screen, variable skill levels, adjustable speed, and a choice of one-, three-, or five-game matches. One or two players can play using joysticks or the keyboard. The floppy disk contains versions for the Commodore 64 and the IBM PC and compatibles.

Jordan vs. Bird: One on One

Electronic Arts
29.95

Famed Boston Celtic Larry Bird and former University of North Carolina and current Chicago Bull superstar Michael Jordan battle on the court in three special events. Players can see who's the best in the One On One battle, Slam Dunk Competition, and the Three-Point Shootout.

Kikstart II

Mastertronic
9.99

Players can race their dirt bikes over five courses, avoiding obstacles and trying to beat the clock. A course designer allows players to create new racetracks.

Leader Board

Access
joystick
39.95

One to four players can simulate an actual game of golf on one of these 18-hole courses. Players choose their clubs, distance, and type of shot. There

are three levels of difficulty, and the computer calculates the handicaps and scores.

Maxi Golf

Thunder Mountain
Distributed by Mindscape
9.95

In this golf simulation, the player can experience many of the trials of a real game of golf, including wind force and direction, stance, club selection, and course hazards.

Mini-Putt

Accolade
joystick
29.95

This game offers cartoon-style animation for play on miniature golf courses and holes. Each course has a different theme, and the individual holes represent characters of that theme. For 1-4 players.

NBA

Avalon Hill
39.95

Players can control basketball players of the past and present in this statistical basketball computer game. Users can pick the starting lineups and send in substitutes. The program includes 20 great teams from the past and a stat keeper that keeps track of how well each team is doing. The game features three playing modes: head to head, solitaire, and autoplay. The autoplay mode allows the same teams to play several games in a row. Additional Season Disks are available for \$20 each.

PC Tree

Family Software
joystick optional
34.95

PC Tree is a practice-tree game designed to improve the starting time and reactions of drag-racing drivers. Drivers can select a three-amber .400 PRO or .500 FULL tree. Two drivers can practice at the same time. Features include two digital-readout windows, prestige and stage sequences, random starts, and a digital rollout adjustment from .000 to .899. The program calculates and displays average reaction time.

GAMES

Pro-Golf

Mastertronic
9.99

Pro-Golf is an 18-hole golf course with hazards. Players have touch-sensitive control of the shots and a choice of clubs.

Pure-Stat Baseball

Software Simulations
39.95

This statistical replay baseball simulation can be played with one or two players. Individual statistics determine the outcome of the game. Players can choose from every team or the 1985 season in addition to eight classic teams from the past and present. Players can be traded between teams to form a dream team. A stat keeper compiles all player statistics and calculates batting averages and ERAs. Statistics can be printed out at any time. The computer can play a game without graphics in three minutes. Players can choose from three different stadium locations. An optional stadium disk is also available.

Pure-Stat College Basketball

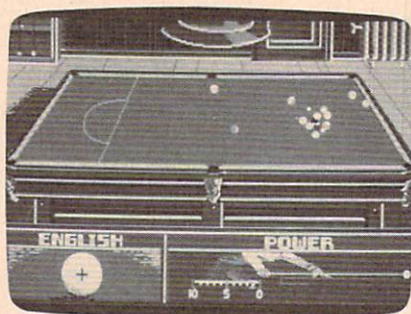
Software Simulations
39.95

This animated five-on-five basketball simulation game is based on statistics. One or two players can compete or the computer can play itself. Coaching strategy and player statistics determine the outcome of each game. Players can choose from 20 all-time-great college teams. Users can also create their own team by entering statistics. Team statistics can be reviewed or printed at any time. Optional team disks are available.

Rack 'Em

Accolade
29.95

Players can compete in snooker, bumper pool, straight pool, 8-ball, and 9-ball. Variables such as the object ball and pocket, aim, english, and power affect gameplay. A restore-shot feature allows the last shot to be retaken. Players can attempt trick shots and save the best ten. *Rack 'Em* includes a generic game that allows players to set their own rules. A bumper pool construction set allows players to create their own bumper pool tables. For one or two players.

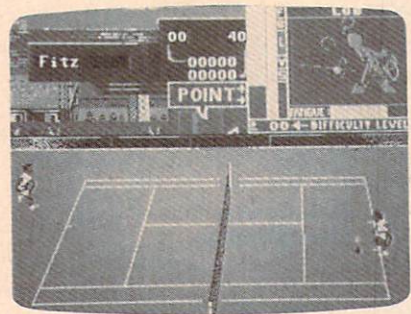


Players can adjust the power, English, and aim of their shots in *Rack 'Em*.

Serve and Volley

Accolade
29.95

Serve and Volley requires players to use correct ball placement, timing, and stroke selection. Users can choose from three difficulty levels and three court surfaces. Game activity can be viewed from a full-court perspective with action windows. Players must first select a serve type and then hit volleys, forehands, backhands, smashes, and lobs. The game offers match or tournament play against the computer or for two players against each other. Each tournament or match can be saved and resumed.



One or two players can try to ace their opponent in *Accolade's* *Serve and Volley*.

Sierra Championship Boxing

Sierra On-Line
19.95

Some of boxing's most famous bouts can be recreated with this game, or players can create new matches using a list of 50 former and current boxers. As trainer, the player plans a strategy and determines height, weight, stamina, and best punch for the contender. In the arcade mode, players can fight each other or the computer. Two manuals explain the art and strategy of boxing and the history of the sport.

Slugger

Mastertronic
9.99

Slugger is a computerized version of a game of baseball.

Speed King

Mastertronic
9.99

Players race their motorcycles against 19 other riders at speeds of up to 250 mph. The floppy disk contains versions for Commodore 64 and Atari.

The Sporting News Baseball

Epyx
39.95

In this baseball simulation, players can compete against each other or against the computer, or they can set the computer to play itself. Multiple screens provide a variety of views of the action, and all the action is influenced by the actual statistics and capabilities of the ball players. Batters can hit and run, bunt, or pull the ball. Other plays include stealing the bases, pick-offs, and brush-back pitches. Teams can be chosen from 26 major league clubs, or players can create their own teams from a field of over 100 famous all-stars. The game includes color graphics and ball-park sound effects.

Sports-a-Roni

U.S. Gold
Distributed by Epyx
24.95

Set in Old World Italy, *Sports-a-Roni* features events such as a sack race down the pot-holed streets of Naples, balancing pasta plates in Pisa, pogoing around the Roman ruins, and pillow fighting on a gondola in Venice. Players can choose to represent one of 18 countries.

Sports Facts

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* enables the user to learn about baseball stars, the Olympics, water sports, and a variety of other sports statistics, terms, and facts. Designed for players aged 11 to adult.

Star League Baseball and On-Field Football

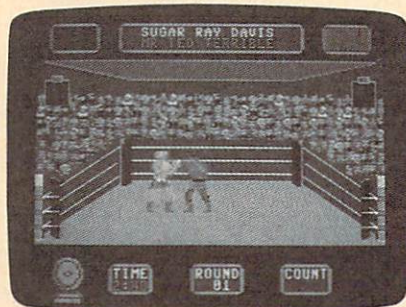
Solid Gold Software
Distributed by Mediagenic
14.95

Two games have been combined in this one package. *Star League Baseball* recreates the nine-inning game with animation, sound effects, and true-to-the-game action. In *On-Field Football*, players can call the plays for both offense and defense during four quarters of action.

Star Rank Boxing and On-Court Tennis

Solid Gold Software
Distributed by Mediagenic
14.95

In *Star Rank Boxing*, players must battle against challengers to work their way up to the title bout. Players of *On-Court Tennis* can challenge a friend or a computer-supplied professional tennis player based on an actual athlete. Lobs, swings, and bounces occur just as they would in a real game. Players get to choose the court surface as they play in a world-class match.



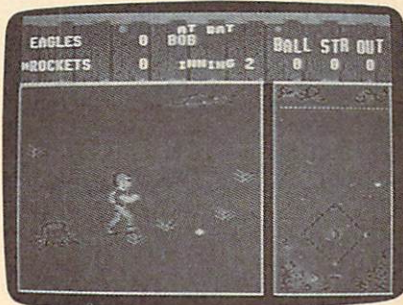
A boxer must defeat four challengers to win the title in *Star Rank Boxing II*.

Star Rank Boxing II

Gamestar
Distributed by Mediagenic
29.95

Two players can play each other or one player can challenge the computer in a battle for the boxing title. Each boxer must defeat four challengers on the way to the championship; challengers become more skillful as the match progresses. In the exhibition bouts, boxers can fight in welterweight, middleweight, or heavyweight classes, with up to five boxers in any one class.

Players must create a training regimen for their boxers and improve their skills in blocking and ducking punches, throwing crosses, jabbing, uppercuts, and body shots. A tale of the tape containing the boxer's statistics and record appears before each fight.



In *Street Sports Baseball*, the neighborhood kids stage a pickup game of baseball in the street or a nearby field.

Steve Garvey vs. Jose Canseco in Grand Slam Baseball

Cosmi
24.95

Grand Slam Baseball is a baseball simulation game that includes high-resolution graphics and ball-park sound effects. A scrolling screen gives the user a televisionlike view of the action. Players can choose from a regular baseball game or a variation in which only grand slam home runs can score points for their team.

Street Sports Baseball

Epyx
19.95

This baseball game is played on a neighborhood diamond made from trash-can lids and old tires, and the players are neighborhood pals. There are 16 players to choose from, and each has an individual level of skill in hitting, fielding, and throwing. Players also have to be able to avoid tree stumps, bushes, and puddles. The pitcher can throw four balls—fast, slow, right curve, and left curve. There's a split-screen view of the field, with one screen being a bird's-eye view. For 1-2 players.

Street Sports Basketball

Epyx
19.95

One or two players compete in this neighborhood-style basketball game. The court is set up in the schoolyard, alleyways, or a park, and three players for each team are chosen from ten neighborhood dribblers. Much of the strategy involves how well each player has put together his or her team and how well the hoop-shooters can avoid local obstacles such as oil slicks and fences.

Street Sports Football

Epyx
19.95

Players choose from nine neighborhood guys to make up teams and play on a city street or a construction site. Obstacles include oil slicks, trash-can lids, puddles, and parked cars. Plays can be selected from a computerized playbook, or players can design a street playbook of their own. There are advanced and beginner levels of competition.

Street Sports Soccer

Epyx
19.95

Another in the Epyx line of street-sports games, *Street Sports Soccer* enables players to take part in a fast, street-style soccer game. Players must first choose a field in a park or on a city street and then recruit a three-member team from the neighborhood kids. Each character has his or her own personality and skills for heading the ball, executing shots, and controlling passes. There are few rules and no uniforms or sportsmanlike conduct. Teams can play each other or play the computer with a time or points limit.

GAMES

Summer Games

Epyx
19.95

Up to eight players can enter their athletes in Summer Olympic competition, including swimming, diving, track, skeet shooting, pole vaulting, and gymnastics. Athletes compete against each other, vying for the gold medal.

Summer Games II

Epyx
joystick
19.95

Up to eight players can compete against the computer or each other in this representation of the Summer Olympic games. Events include rowing, triple jump, javelin throwing, high jumping, fencing, cycling, kayaking, and equestrian events. There are also opening ceremonies, national anthems, and medals.

Super Cycle

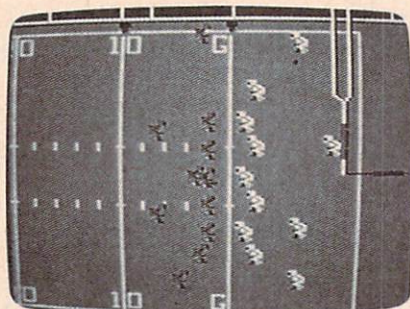
Epyx
19.95

In this motorcycle game, the player can design a motorcycle and then ride it at speeds up to 180 mph, bank into turns, run other riders off the road, and try to avoid crashes and burns. There are nine courses to ride at day and night, with obstacles like lamp posts, oil slicks, and pylons. Players also choose the color of their bikes and get a matching riding jacket.

Superstar Ice Hockey

Mindscape
34.95

One or two players can face off against each other or the computer in *Superstar Ice Hockey*. In this multilevel game, the player can be the owner and general manager, trading and recruiting players or sending the team to a training camp. As head coach, the player can set and change the lines and plan the strategies. Or, the player can act as goalie or center and play on the team. This simulation allows for two-on-two, four-on-four, or six-on-six games. A team can compete against 19 other teams in four divisions for up to nine seasons.



The player can make the offensive and defensive calls in the computerized version of football, *Super Sunday*.

Superstar Soccer

Mindscape
34.95

In *Superstar Soccer*, the player can perform as soccer player, coach, or owner and manager. As center or goalie, the player can run, shoot, pass, and even get injured. As the coach, the player calls the plays and sends the team to training camp. The owner/manager trades and recruits team members. One or two players can compete against the computer or each other.



Players can play the game or manage the team in *Superstar Ice Hockey*.

Super Sunday

Avalon Hill
35.00

With this statistics-based game, each player enters the offensive and defensive plays for his or her team and then watches as the game is played. There are 20 Super Bowl teams to choose from, and season disks for the championships are available separately. The game also contains solitaire and autoplay options. A General Manager's Disk is available for \$30, and a Champion Disk and 1984-1987 Season Disks are \$20 each.

Tag Team Wrestling

Data East
19.95

The player and a partner can use body slams, drop kicks, back breakers, and flying head butts to defeat opponents and win the championship belt. Wrestlers must be pinned for a count of 3 to win, or they can be thrown out of the ring.



Players have their choice of field positions in *Superstar Soccer*.

Take Down

Gamestar
Distributed by Mediagenic
29.95

Players participate in the Gamestar Wrestling Federation, where they can choose from eight wrestlers, each with different moves. Wrestlers can perform pile drivers, body slams, airplane spins, atomic drops, and suplexes. The object of the game is for the team to win the GWF Tag Team Championship.

10th Frame

Access
joystick
39.95

Up to eight players can participate in this bowling game. There are several levels of play, including league competition. Scoring is automatic.

Thai Boxing

Artworx
14.95

In this kick-boxing game, players can see the effects of their hits in the opposing fighter's face. Seconds try to help when the challengers are too worn out. This game features a three-dimensional display, fast action, six backgrounds, sound effects, and music. For players eight years old and older.

GAMES

T.K.O.

Accolade
29.95

This arcade-style, split-screen boxing game features a first-person perspective, allowing players to get a feeling of being in the ring. Players can use both offensive and defensive maneuvers, including dodging and ducking punches. When hit, each boxer's face shows the damage sustained, including black eyes, fat lips, swollen cheeks, a bruised forehead, and a cut jaw. For one or two players.

Top Fuel Eliminator

Gamestar
Distributed by Mediagenic
29.95

Players can join the auto-racing circuit and compete in a nine-event season, from qualifying rounds to winning the circuit. The driver races against the computer opponent on a randomly-generated race course. There are eight performance areas in which to judge the races. Split-screen graphics allow the player to view the course from overhead and in the cockpit.

Tournament Disks

Access
Leader Board
19.95

Additional course disks are available for use with *Leader Board*. Each disk contains four Access-designed courses and costs \$19.95.

Tournament Golf

Avalon Hill
30.00

One to four players can choose to challenge one of two 18-hole championship courses. Players can also practice on the driving range or the putting green.

Water Polo

Mastertronic
9.99

This game lets players take part in the fast action of water polo, a mix between soccer and basketball played in the water. It offers a variety of skill levels and tournament options for one or two players. The floppy disk contains versions for the Commodore 64 and the IBM PC and compatibles.

Winter Games

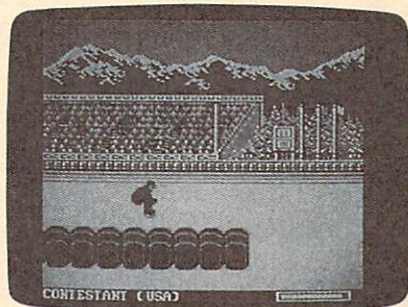
Epyx
19.95

This game lets players take part in seven of the Winter Olympic games, including figure skating, bobsledding, and the biathlon. The game includes the opening ceremonies and national anthems. For 1-8 players.

World Class Leaderboard

Access
39.95

Three famous 18-hole golf courses are reproduced in this golf game, including distance, traps, trees, rough, and water hazards. Players can tee off at St. Andrews, Doral, and Cypress Creek. A fourth course, the Gauntlet Country Club, was designed for this program. The program also offers a printout of the scorecard, an editor to rearrange the holes, a top view of each hole, a practice putting green, and driving ranges.



In *World Games*, athletes compete in some not-so-ordinary events such as barrel jumping.

World Games

Epyx
19.95

Players take the part of athletes representing 18 countries as they compete in some not-so-common athletic events. There's cliff diving in Mexico, sumo wrestling in Japan, weightlifting in Russia, bull riding, barrel jumping, log rolling, the caber toss, and giant slalom. A history guide and travelogue are included, as well as seven options of practice and competition. For 1-8 players.

The World's Greatest Baseball Game, Enhanced

Epyx
19.95

One or two players can manage and control or just manage a baseball team, using one of the 75 teams provided or creating their own team. Players include actual World Series and All-Star teams, teams from the 1984-85 season, classic players, and current stars. Actual statistics for players are included. The game includes trading functions and trivia questions.

The World's Greatest Football Game

Epyx
joystick
19.95

This football-strategy game lets one or two players coach as well as play a game of football. Players can use the playbook or design their own offensive and defensive plays, then take part in the execution of those plays. Joystick input.

World Tour Golf

Electronic Arts
29.95

Players can choose from 12 of the world's greatest golf courses or become an architect and design their own course. Courses include St. Andrews, Pebble Beach, Augusta National, and Shinnecock Hills. The program also includes a championship course made up of the world's most difficult holes. One to four players can participate, with a choice of either match or medal play. Players can also compete against up to three computer golfers and set characteristics for each. Split-screen animated graphics give both an overhead view and a golfer's-eye view of the hole. In addition to normal hazards, players will encounter random weather conditions each time they play. Players can also practice on the driving range and putting green.

TEXT AND ROLE PLAYING

For further information, circle
Reader Service Number 208.

Alien Fires

Paragon Software
Distributed by Electronic Arts
29.95

Players assume the role of a Time Lord who can transcend the barriers of time. Custom characters can be created by defining strengths and weaknesses in such areas as fighting, diplomacy, dexterity, and quickness. When the game begins, the player is sent into the distant future to a small planet, called Galaxy's End, at the edge of the universe. The purpose of the mission is to find Samuel Kurtz, an insane genius and creator of a time-transportation device that must be destroyed. The game features sound and scrolling 3-D graphics.

Beyond Zork

Infocom
Distributed by Mediagenic
Commodore 128
44.95

Beyond Zork combines interactive fiction with a character-building role-playing game. The game is not a sequel to *The Zork Trilogy*, but it's a new chapter set in the Zorkian universe. The user creates his or her own character, choosing different levels of six attributes that increase with experience. Windows display the attributes, location, and inventory. Players choose the screen option—either with the onscreen map and window display or with a standard text-only screen. Programmable function keys allow single-keystroke commands.

Border Zone

Infocom
Distributed by Mediagenic
34.95

Three hazardous missions must be completed in *Border Zone*, a spy adventure set in the Eastern Bloc country of Frobria. In each of the three chapters, the player assumes the role of a different main character. Each chapter has its own conclusion, but each also contributes to the overall story, which is centered around an assassination plot. The game includes a realtime clock feature, which continues to tick regardless of the player's actions.

Character Editors

Gosselin Computer Consultants
Host software
19.95 each

The character editors from Gosselin are designed to be used with a host software programs to change the attributes of the characters, view or select an item in the game, or print out character information. Editors are available for *Might and Magic*, *Wizardry*, *Wasteland*, *Ultima III*, *Ultima IV*, and the *Bard's Tale* trilogy. A monster editor is available for *Might and Magic* for \$12.95. Hint books are also available.

Corruption

Rainbird
Distributed by Mediagenic
39.95

Set in the city of London, *Corruption* places the player in the role of a fast tracker in the city's underworld. This illustrated interactive fiction game features a world of high finance and low double deals. Players encounter drugs, gambling, and big money talk. The player's character finds himself involved in a frame-up where he or she has been accused of being involved in an insider-trading scandal. The game is recommended for adults only.

The Crimson Crown

Polarware Software
17.95

In this follow-up to the game *Transylvania*, the player returns to Transylvania with Princess Sabrina and Prince Erik to recover the crimson crown which has been stolen by the vampire. Danger awaits all in the forest and its underworld. Action is depicted in graphics and text, and commands are given in English sentences. It is not necessary to have played *Transylvania*.

Global Commander

Datasoft
Joystick
29.95

Players become a global leader whose responsibility is to monitor and regulate the world's nuclear superpowers. The objectives of the game are to establish close working relationships with the individual countries, to promote good relations between each country, and to make sure that economic and military

balance is maintained. Countries will contact the leader for advice and permission for actions. It is also the commander's responsibility to monitor satellite intelligence reports and the radio airwaves. The commander also controls SDI satellites, troop placements, and spy networks that keep tabs on each superpower.



As *Global Commander*, the player must regulate the world's nuclear superpower to avoid global war.

The Hitchhiker's Guide to the Galaxy

Infocom
Distributed by Mediagenic
14.95

Players assume the role of Arthur Dent, whose house is being bulldozed to make way for a highway bypass. But Earth is about to be destroyed for similar purposes, and Arthur Dent begins a series of intergalactic misadventures to save Earth. The program is based on the book by the same name.

Killed Until Dead

Accolade
joystick
14.95

In this murder-mystery text game, the player tries to prevent a murder rather than solve it. There are 20 plots and five potential suspects. A clock runs continuously throughout the program. To gain clues, the player has to answer murder trivia questions and study the characters using character profiles, a video-telephone, and a surveillance machine.

Leather Goddesses of Phobos

Infocom
Distributed by Mediagenic
14.95

Leather Goddesses of Phobos is a spoof of 1930s pulp fiction and features both a

male and a female playing mode. The story begins with a regular patron of Joe's Bar in Ohio being kidnapped by minions of the Leather Goddess of Phobos, who are plotting to take over Earth. If the player escapes, he or she will begin an interesting journey through the solar system. Materials must be collected by the player in order to defeat the Leather Goddesses and save Earth.

Macbeth

Avalon Hill
25.00

Macbeth contains four graphics and text adventures that cover a different part of the Shakespearean play. Each segment has a psychological program in which the player and Shakespeare delve into the minds of Lord and Lady Macbeth.

Oo-Topos

Polarware Software
17.95

The player's mission is to deliver a serum to Earth in time to save the planet from total annihilation. However, along the way the hero is taken prisoner on the planetoid Oo-Topos. The player uses English commands to guide the adventure, and the computer describes the action and locations with both text and graphics. *Oo-Topos* contains a vocabulary of over 1000 words and more than 100 graphics. A ship's manual and computer readout is also included.

Planetfall

Infocom
Distributed by Mediagenic
14.95

The player assumes the role of a lowly deck-swabber in the Stellar Patrol. His ship explodes, which jettisons him onto a mysterious deserted planet. A multi-purpose robot named Floyd is his companion as he uncovers the secrets of the planet.

Prime Time

First Row Software Publishing
29.95

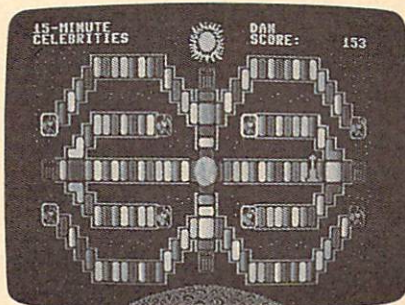
Players assume the role of TV network boss in this game that spoofs the television industry. Gameplay consists of planning a program schedule, canceling shows, buying shows, and doing lunch.

The game features color graphics and sound effects and includes a program board, a TV contract, and a TV "Wise" Guide.

Proball: An NBA Coaching Simulator

VEC Enterprises
disk drive
22.50

Proball is a role-playing sports game in which the player coaches an NBA basketball team against another player or the computer. The coach chooses the team and the players based on statistics compiled during an actual season. The statistics are updated at the end of each game and can be printed out. With the general-manager option, the players can make up their own teams from any of the NBA team. In autoplay, the computer plays as many as four games by itself. The program is totally text-driven and contains no graphics. *Proball* includes the 1986-1987 NBA teams disk. The 1987-1988 teams disk is available for \$10. The programs carry a money-back guarantee and are sold only by mail order.



Players must answer trivia questions to gain access to a satellite orbiting Earth in Quizam.

Quizam!

Interstel
Distributed by Electronic Arts
29.95

For one to eight players, *Quizam!* features eight game boards, eight levels of difficulty, and over 2000 multiple-choice questions. The players must decipher and answer questions in order to access eight satellites that are orbiting the earth. Questions come from two main categories—fun facts, which includes sports, games, culture, television, and potpourri; and school days, which has questions from vocabulary, history,

art, and other studies. The package also includes "Quizzer!," a program that allows players to design their own questions and answers.

Sherlock: The Riddle of the Crown Jewels

Infocom
Distributed by Mediagenic
34.95

Players work side by side with Sherlock Holmes as his assistant, Watson. The object of the game is to abort a diabolical scheme. Holmes is available to consult, but the crime's solution is in the player's hands. *Sherlock* is a part of Infocom's Immortal Legends series.

Star Trek: The Kobayashi Alternative

Simon and Schuster
29.95

As Captain Kirk, the player controls the U.S.S. Enterprise and converses with characters through a variety of windowed display screens. A status window displays the ship's telemetry; another window provides the means to communicate with the crew and alien beings. Answers can be received through additional communications windows. The objective of this mission is to find the lost ship commanded by Lieutenant Hikaru Sulu and defeat the Klingon forces. The player, as Captain Kirk, can control the Enterprise's engines, weapons, and scanners, and he or she can beam beings on or off the ship. Characters in the game include Dr. McCoy, Scotty, Uhura, Chekov, and other nonhuman creatures. A manual is contained in the package.

Star Trek: The Promethean Prophecy

Simon and Schuster Software
14.95

The user assumes the role of Captain Kirk, leading the crew of the Starship Enterprise through an unmapped sector of space. The Enterprise comes under attack, which contaminates the food supply. Prometheus Four must be explored in order for the crew to survive. To win the game and save the crew from starvation, a series of puzzles must be solved; the puzzles reveal the mysteries and secrets of Prometheus Four. Each familiar Star Trek character

is at the user's disposal, speaking and reacting according to their Star Trek personae. The game's parser understands close to 1000 words and handles multiple sentences and objects. An on-line help feature offers assistance to beginners.

Star Trek: The Rebel Universe

Simon and Schuster
34.95

The Klingons have instigated a mind-controlling scheme that is turning Federation members into violent rebels. As Captain Kirk, the player must lead the crew of the U.S.S. Enterprise on a five-year mission to the Quarantine Zone to stop the Klingons and restore peace to the Federation. The game features three levels of star map magnification for navigation, engines with warp speed and impulse power, a weapons supply, and a transporter to beam the characters on- and offboard the ship. Eight color, high-resolution graphic screens provide the background for the action, and sound effects are included. Scotty, Spock, Chekov, Sulu, and Uhura can aid the Captain in planning the mission. A manual is included with the package.

Transylvania

Polarware Software
17.95

The adventurer uses English commands to conduct the search for Princess Sabrina, lost in the forests of Transylvania. This interactive text game features puzzles, text, and graphics.

Twilight's Ransom

Paragon Software
Distributed by Electronic Arts
34.95

Maria Chavez has been kidnapped and is being held for ransom. The player must find out why, where she is, and how to save her. During the hunt, the player meets a variety of hustlers and night people on the streets of Liberty City. The game includes more than 175 locations in the city to explore, and there is a picture disk with more than 20 illustrated scenes. The package contains clues that can help solve the mystery, a picture disk, and documentation.

Wishbringer

Infocom
Distributed by Mediagenic
14.95

The player assumes the role of a mail clerk in a small town. A ransom note for a kidnapped cat arrives in the mail; it will lead the player through adventures to Wishbringer, a stone possessing magic powers.

Wizard Wars

Paragon Software
Distributed by Electronic Arts
34.95

Wizards, elves, warriors, and other fantasy characters populate this game. The player travels through three dimensions in an attempt to defeat the evil Wizard Aldorin. As Temeres, the player must learn as many as 30 spells, mix potions, solve riddles, and defeat a wide variety of creatures—from dragons and elves to hell hounds and skeleton warriors—in battle. The journey takes place in a 3-D maze of the mind, body, and an area beyond space. There are over 50 characters in the story, accented by sound effects and scrolling graphics. The package also includes props to use with the story, a spell book, and a user's manual.

Wrath of Denethenor

Sierra On-Line
19.95

In this game, the player takes the role of any of a variety of characters and is assigned a goal. He or she can experience many adventures along the way, including robbing banks, pillaging treasures, brawling in a bar, and fighting at sea. The character may also learn magic spells and grow in skill and knowledge. The Dungeon Master invents the situations and calculates the outcomes of the adventures by rolling dice with 6-128 sides.

Zork I

Infocom
Distributed by Mediagenic
14.95

This interactive-fiction title takes the player to the ruins of an ancient empire far underground as he searches for the Treasures of Zork. Puzzles, strange creatures and sights will be encountered.

Zork Trilogy

Infocom
Distributed by Mediagenic
44.95

This package contains *Zork I*, *II*, and *III*. The trilogy is set in the ruins of an ancient empire far underground.

WAR GAMES

For further information, circle
Reader Service Number 209.

Baltic 1985

Strategic Simulations
Distributed by Electronic Arts
19.95

In this third of the Superpowers series, NATO forces must carve open a corridor across East Germany. Once the way is cleared, troops in Berlin must be rescued.

Battlefront

Strategic Studies Group
Distributed by Electronic Arts
40.00

Scenarios for Saipan, Bastogne, Crete, and Stalingrad help recreate major land battles of World War II in this game. The player can command either the Allied or Axis forces, making military decisions that could affect the outcome of the war. Each side has up to 60 battalions divided into three divisions which include infantry, armor, antitank, and other units. The game contains features such as terrain, weapon types, weather, and air support, and there are special rules for amphibious and airborne attacks. New games can be created with the game-design kit.

Battlegroup

Strategic Simulations
Distributed by Electronic Arts
59.95

In this World War II game, the U.S. and British forces meet Hitler's army on the Western Front. Most of the weapons in use from 1943-45 are found in this game, including mortars, tanks, troop carriers, antitank guns, flamethrowers, and bazookas. The computer calculates the hit probabilities down to each individual soldier and weapon.

The battles can be commanded by the player, or four historical scenarios—Africa, Italy, Normandy, and Battle of the Bulge—can be recreated.

Battle of Antietam

Strategic Simulations
Distributed by Electronic Arts
49.95

Robert E. Lee's army of 40,000 soldiers meet the 87,000-man army of General George McClellan at Antietam Creek in 1862 in this recreation of that bloody Civil War battle. Three versions can be played, with five levels in each version; the basic game has simple rules and options and moves quickly. The advanced and intermediate versions require more strategy and use factors such as hidden units and chain of command. Each turn represents 30 minutes of actual battle time.

Battles in Normandy

Strategic Studies Group
Distributed by Electronic Arts
39.95

The sequel to *Battlefront*, *Battles in Normandy* recreates the historic day of June 6, 1944 when the Allies invaded Normandy. The game depicts the landing and the battles on the beachhead that followed. One or two players can play eight different historical scenarios or create new battles with the design kit. The game can be varied by using the design kit. An observe mode allows players the opportunity to view how the battle was actually fought.

Battles of Napoleon

Strategic Simulations
Distributed by Electronic Arts
49.95

Players can simulate almost any Napoleonic engagement on a detailed tactical level. Random maps can be generated and then modified. Players can also build their own maps from scratch. Armies can be created or adjusted to suit the player's specifications. The construction set allows the recreation of any battle. Premade scenarios include Waterloo, Quatre Bras, Auerstaedt, and Borodino.

B-1 Nuclear Bomber

Avalon Hill
21.00

The player can pilot a B-1 bomber on a bombing raid over the Soviet Union. Obstacles include MiG fighter jets and surface-to-air missiles. The pilot can defend him- or herself with electronic countermeasures and missiles.

Carriers at War 1941-1945

Strategic Studies Group
Distributed by Electronic Arts
50.00

As task commander, the player's job is to locate and sink enemy vessels in this simulation of World War II Pacific Ocean carrier warfare. Decisions are based on reports received from the intelligence system and an 84 × 72 hex grid representing over three million square miles. There are 31 carriers and 215 other ships in 63 classes. Over 4000 aircraft are divided into 126 squadrons. Six scenarios are included—Pearl Harbor, Coral Sea, Midway, Eastern Solomons, Santa Cruz, and Philippine Sea. A game-design kit allows the user to create new battles.

Computer Ambush

Strategic Simulations
Distributed by Electronic Arts
59.95

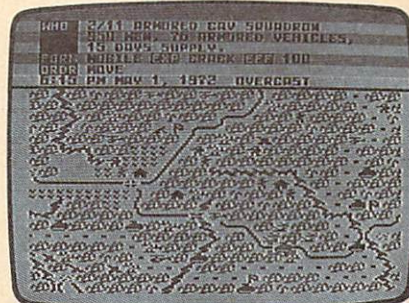
The player is a sergeant with a squad of 11 Americans or Germans fighting for their lives in a bombed-out French town during World War II. Each man has a name, personal background, and variable fighting skills. The man-to-man combat takes place on a screen displaying buildings, walls, hedges, doors, and windows. Weapons used include grenades, rifles, automatic weapons, explosives, bayonets, and garrotes. The computer plays the the German leader, or two players can compete. The package contains a rule book, two squad cards, two map-board cards, and two grease pencils.

Conflict in Vietnam

MicroProse
39.95

Full-color graphics help recreate five historical battle scenarios of the Vietnam War. The player controls the troop movements, counterattacks, and artil-

lery bombardments. The battles can be replayed as they really happened, or different strategies can be used to try and alter the outcome.



Conflict in Vietnam recreates many of the major battles of the Vietnam War.

Crusade in Europe

MicroProse
39.95

One of the Command Series, this war game recreates some of the major land battles of World War II, beginning with the Normandy invasion on D-Day. The player monitors troop movements across maps of France and Germany and wages battles against opposing generals. Battles can be played as they actually occurred, or new strategies can be attempted.

Decision on the Desert

MicroProse
39.95

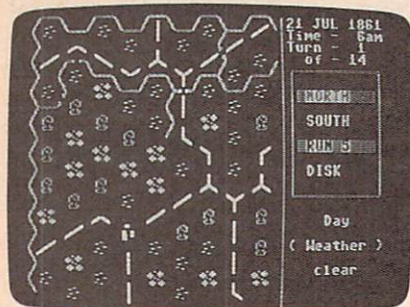
Players can command either the Allied or Axis forces in the desert warfare of World War II. As commander, the player controls air strikes, armored battalions, and infantry movement in North Africa from 1940 to 1942. The game features accelerated realtime, graphics, and variable skill levels. One of the Command series.

Decisive Battles of the American Civil War, Vol. 1

Strategic Studies Group
Distributed by Electronic Arts
40.00

Volume 1, *Bull Run to Chancellorsville* covers six major battles of the American Civil War—First Bull Run, Shiloh, Second Bull Run, Antietam, Fredericksburg, and Chancellorsville. In this war simulation, the player commands an army through as many as four days of

battle. Warplan, a war-game construction set, and Warpaint, the graphics editor, enable players to design their own battles of the eighteenth and nineteenth centuries.



The player commands the Northern or Southern armies in historical recreations of the major battles of the Civil War in Decisive Battles of the American Civil War.

Decisive Battles of the American Civil War, Vol. 2

Strategic Studies Group
Distributed by Electronic Arts
39.95

Volume 2 of this historical war game series covers five battles of the Civil War from Gaines Mill to Chattanooga, Tennessee. The player commands corps, division, brigades, and artillery at Gaines Mill, Stones River, Gettysburg, Chickamauga, and Chattanooga. There are two separate scenarios for the Battle of Gettysburg. A graphics editor and war-game construction kit are included.

Decisive Battles of the American Civil War, Volume 3

Strategic Studies Group
Distributed by Electronic Arts
39.95

The final game in the American Civil War trilogy, this volume contains scenarios for six classic battles—Spotsylvania, Wilderness, Franklin, Nashville, Atlanta, and Cold Harbor. The player must make all tactical and strategic decisions as he or she commands the preradio battlefields. A graphics editor and war-game construction kit are included.

DEFCON 5

Cosmi
19.95

The player can command a network of 12 satellites and nine space weapons in

this simulation of the Strategic Defense Initiative (SDI). It is up to the player to detect, intercept, and destroy incoming enemy warheads. Defense measures include orbiting lasers, neutral particle beam emitters, electromagnetic launchers, and nuclear-pulsed x-rays.

Desert Fox

Avantage
Distributed by Accolade
14.95

Based on historical data, this war game features five World War II combat scenarios—surviving strafing runs by the Luftwaffe, defending against ambushes while navigating a canyon with tanks, trekking through a minefield, bombing the German Stukas with Spitfires, and battling it out in North Africa with tanks.

Dive Bomber

U.S. Gold
Distributed by Epyx
39.95

Players are put into the pilot's seat of a World War II torpedo bomber where they must fly missions against Germany. Based on the aircraft carrier HMS *Ark Royal*, the torpedo bomber must carry out a mission to sink the German battleship, *Bismarck*. Players must take off and land on the carrier, fight enemy combat aircraft, battle U-boats, and dive bomb E-boats and minefields.

Dreadnoughts

Avalon Hill
30.00

Players can recreate major naval action in the North Atlantic during World War II. Major warships from the American, British, German, and French navies are represented. The game takes into account gun sizes, range, ship armor, ship speed, radar, torpedoes, and aircraft. For one or two players.

Europe Ablaze

Strategic Studies Group
Distributed by Electronic Arts
50.00

Players can take part in the air warfare of World War II, planning both bombing missions and air defense. The player can be a British commander during

the Battle of Britain or a member of the U.S. Eighth Air Force in the bombing of Germany. A weather system provides variables such as wind strength and cloud cover. There are 37 plane types and 255 squadrons operating from 127 air bases. Three scenarios are included—Their Finest Hour, Enemy Coast Ahead, and Piercing the Reich.

Field of Fire

Strategic Simulations
Distributed by Electronic Arts
joystick
19.95

Eight battles of World War II are recreated as the player leads Easy Company of the First Infantry through North Africa and Europe. The teams of six men stage raids in North Africa, land at Omaha Beach on D-Day, and fight at the Battle of the Bulge. They use .30 caliber machine guns and M1 rifles, and their skills increase as the game continues. As commander, the player makes decisions based on the strengths and weaknesses of the company and the movements of the enemy. There are three levels of difficulty. Action is portrayed in hi-res color graphics with sound effects.

Firezone

Datasoft
Distributed by Electronic Arts
24.95

This war game takes place in the twenty-first Century between the European Combine and the Pacific League. One or two players can control high-powered, mobile armored vehicles. There are nine scenarios, and additional ones can be designed.

Gettysburg: The Turning Point

Strategic Simulations
Distributed by Electronic Arts
59.95

The three days of fighting at Gettysburg, Pennsylvania, in 1863 are reenacted in 42 turns with this war game. The game features a command-control system to show the effects of the commanders, ammunition points, fatigue rules, and variable reinforcement. Three versions—basic to advanced—are available. The computer can play either side. For one to two players.

GAMES

The Great War

Free Spirit

Commodore 128 with 1571 disk drive
19.95

A historical simulation of World War I from 1914 to 1919, this game involves over 400 corps-sized units from the armies of 17 countries. Play takes place on a hi-res map of Europe which features terrain, major cities, and fortresses. Strategy must take into account the army size and power, weather, lines of supply, and neutral countries. Two players can play each other, or one player pits either the Allies or Central Powers against the computer. The game can be saved while in progress.

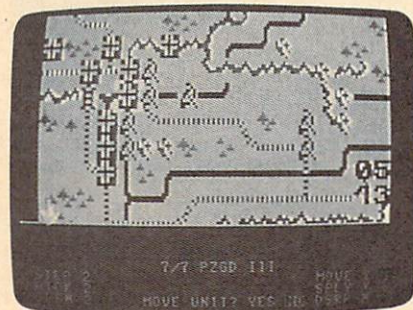
Guderian

Avalon Hill

joystick

30.00

The World War II German invasion of the Soviet Union is recreated with this game. The German army uses blitzkrieg methods to try to defeat the Soviets by turn 12. The Soviet defenses are not shown until the first battle begins. Play takes place on a color, scrolling map of the area around Smolensk, southwest of Moscow. The computer can play either side, and a paper map is included. Joystick control required.



Players can take the part of a German or Russian commander in *Guderian*, a reenactment of the World War II German invasion of Russia.

Gulf Strike

Avalon Hill

joystick

30.00

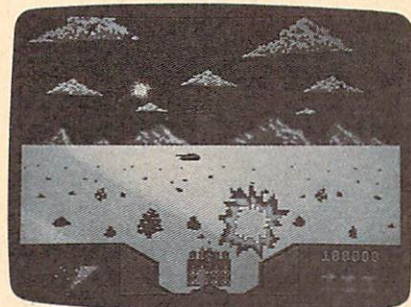
The Soviet Union and Iraq invade Iran, and the U.S. and NATO forces join the conflict to protect their interests. The game features a full-color scrolling map and air, land, and water invasion units. There's also a solitaire option in which the computer controls the Soviet forces. Joystick control required.

Halls of Montezuma

Strategic Studies Group

Distributed by Electronic Arts
40.00

Halls of Montezuma: A Battle History of the United States Marine Corps lets the user fight battles such as Belleau Wood, Iwo Jima, Okinawa, and Inchon along with the Marines. The program features night-capable units, brittle units, reports, AI routines, historical articles, players' notes, and two programs for designing original games. *Warplan* is a war-game construction set that can be used to change a scenario or create a new battle; *Warpaint* is the graphics editor that can change the icons in a game.



Players try to move up the ranks from Second Lieutenant in the battle-strategy game, *Heavy Metal Modern Land Combat*.

Heavy Metal Modern Land Combat, Volume 1

Access

39.95

Each player begins this war game as a Second Lieutenant and tries to increase in rank through performance on the battlefield. Players plan their strategies in the war room and then move to the battlefield to implement them. Weapons include the M1A1 Abrams battle tank, the Martin Marietta ADATS anti-tank system, and the XR311 FAV attack vehicle which can move at speeds of more than 100 mph.

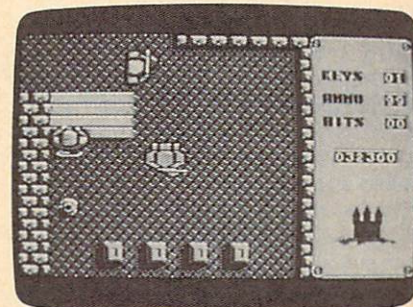
Into the Eagle's Nest

Mindscape

29.95

The goal is to rescue three Allied saboteurs from a Nazi fortress, salvage the great art treasures of Europe from the Nazis, and destroy the fortress. There are four missions which take place on four floors connected by elevators. The view of the game is from the top look-

ing down. The arcade-style game features four-way scrolling animation, graphics, and sound.



Players try to rescue three Allied saboteurs from a Nazi fortress in the four missions of *Into the Eagle's Nest*.

Kampfgruppe

Strategic Simulations

Distributed by Electronic Arts
59.95

This World War II game takes place on the Eastern Front of 1941-45. The player commands either the German or Russian forces and their respective arsenals of tanks, tank destroyers, self-propelled artillery, assault guns, mortars, and flamethrowers. The headquarters-control option determines how fast a unit will respond to orders, and the computer calculates damage and combat down to the individual weapons and soldiers. There are four historical scenarios, or scenarios can be created. For one to two players.

Knights of the Desert

Strategic Simulations

Distributed by Electronic Arts
19.95

One or two players command either the German or British troops as each side tries to gain control of North Africa from 1941-43. In the logistics phase, the players must assign supply priorities for each unit before it can be moved. While one player is moving, the opponent can make limited reaction moves. There are 12 turns, and each turn represents two months of actual combat. The computer takes the British command in solitaire mode.

GAMES

Mech Brigade

Strategic Simulations
Distributed by Electronic Arts
\$9.95

This game is a battle of the future, employing the weapons currently used by the U.S., England, Russia, and West Germany. Weapons include attack helicopters, Abrams M-1 tanks, self-propelled antitank guided missiles, recon vehicles, missiles, and infantry guns. Hit probabilities are calculated by the computer, and a smoke option is included. The action takes place in four areas of West Germany.

Modem Wars

Electronic Arts
\$4.95

This war game allows two players to battle each other via modem or one player can challenge the computer. Players can control the artillery, cavalry, infantry, and spy units, and generate battlefields with trees, hills, rivers, and plains. The games are timed, and the winner is determined by knockouts or the number of points scored. There are seven scenarios and unlimited maps.

Napoleon in Russia— Borodino 1812

Datasoft
Distributed by Electronic Arts
\$24.95

Napoleon in Russia allows players to recreate the three-day battle of 1812 that changed the course of Napoleon's advance across Russia and eventually lead to his overthrow. Players take the role of Napoleon and can either let the Russians escape, as Napoleon did, or defeat the Russians and see how the war might have changed. Players control infantry, cavalry, and artillery. Action takes place on scrolling maps recreated from Russian military cartography.

NATO Commander

MicroProse
\$34.95

A full-continent, scrolling map shows troop movement as the Soviet forces invade Europe. As commander of the NATO forces, the player must deploy infantry, armor, helicopters, and air forces to protect the western nations.

The game includes realtime simulation, multiple combat units, five game scenarios, a pause mode, and four skill levels.

Navcom 6

Cosmi
\$24.95

Players control a computerized Weapons Control Center located in the core of a U.S. Navy warship. Set in the Persian Gulf, the game involves escorting oil tankers through the Straits of Hormuz, receiving telemetry from airborne AWACS and navigational satellites, detecting and destroying mines in the shipping lanes, defending against high-speed boat raids, and battling with surface ships, submarines, and incoming Exocet missile-laden aircraft.

Norway 1985

Strategic Simulations
Distributed by Electronic Arts
\$19.95

Players must save Norway with the aid of NATO ski troops while the Soviet armor is frozen solid. This game is one of the Superpowers series.

Ogre

Origin Systems
Distributed by Broderbund
joystick optional
\$29.95

In this war-strategy game, a Cyber-tank—the Ogre—battles against heavy tanks, missile tanks, Howitzers, and the infantry in a fight to the death. The Ogre is armed with missiles, main cannons, minor cannons, and antipersonnel guns. For one to two players.

Panzer Grenadier

Strategic Simulations
Distributed by Electronic Arts
\$19.95

Players command a regiment of panzer grenadiers, Hitler's elite armored infantry. The battle takes place on the Eastern Front against computer-directed Russian forces.

Panzer Strike!

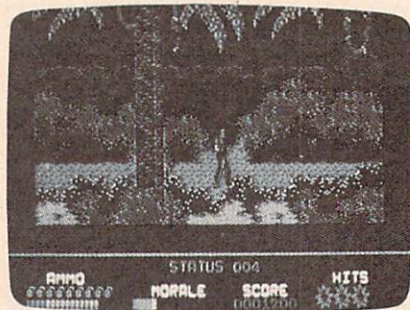
Strategic Simulations
Distributed by Electronic Arts
\$44.95

Players engage in tank-to-tank and squad-to-squad combat. Battles take place on the Eastern Front, the Western Front in 1940, and North Africa.

Patton vs. Rommel

Electronic Arts
\$29.95

The setting for this game is D-Day, 1944, in Normandy, France. Players can choose to be either General George Patton or Field Marshal Erwin Rommel as these two World War II military leaders meet in battle. Each player can command a variety of divisions on a map with 150,000 locations. There are 20 kinds of tactical orders, and each division can handle up to 32 different orders at a time. After the commanders issue their orders, the players can watch as the battle progresses. The generals may even appear on the screen to let the players know what they think about their strategies.



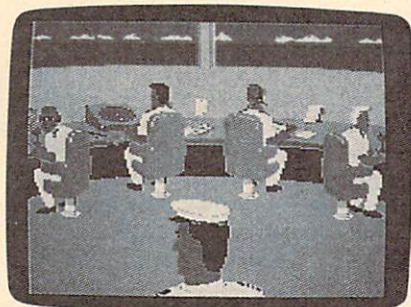
Based on the movie, *Platoon* traces the experiences of a platoon of American soldiers during the Vietnam War.

Platoon

Data East
joystick
\$29.95

Based on the movie, *Platoon* is a simulation of the experiences of a platoon of American soldiers in the Vietnam War. The player leads a platoon of five men on various assignments, trying to keep up their sanity and morale and help them return to the base safely. Throughout the missions, the soldiers encounter armed patrols, booby-trapped trip wires, hidden assassins, snipers, guerrilla fighters, and napalm air strikes. Four indicators—morale, hits, ammunition, and score—measure

the progress of the game; however, there is no winner. There are six sections in the game, each with a more difficult situation.



The commander of the U.S. fleet must carefully plan his strategy before entering the Battle of Leyte Gulf in *Power at Sea*.

Power at Sea

Accolade
29.95

Players are placed in the role of Commander of a U.S. fleet about to engage in the Battle of Leyte Gulf during World War II. At the player's disposal are a battleship, an aircraft carrier, and a troop ship. Big guns can be used to pummel enemy positions on the beach and then the Marines can be sent in to mop up. Japanese destroyers can be shelled or attacked by fighter bombers.

Rebel Charge at Chickamauga

Strategic Simulations
Distributed by Electronic Arts
49.95

Players can test their strategies by recreating the September 19–20, 1863 battle at Chickamauga Creek. The battle takes place on a 64 x 54 square-grid map, and players can switch between strategic and tactical displays. The conflict is played in 13 turns, with each turn representing two hours of realtime. Introductory, intermediate, and advanced game levels are included.

Red Storm Rising

MicroProse
joystick
44.95

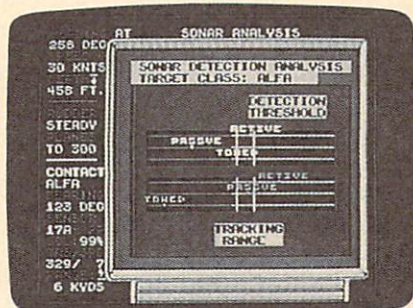
Based on the book by Tom Clancy, *Red Storm Rising* simulates the maneuvers of an American nuclear attack submarine after the Warsaw Pact nations have invaded Western Europe. The sub's mission is to locate and destroy Soviet submarines and surface vessels as they

leave their base near the Arctic Circle. The game features five types of radar and sonar devices, five classes of submarine-launched missiles, and three types of programmable torpedoes. Mastering the sonar system is vital to detecting the enemy vessels and hiding from them. Large-scale strategic maps and animated screens show the player how the movements of the sub affect the progress of the war.

Road to Moscow

Game Designers' Workshop
Distributed by Electronic Arts
39.95

Players can relive the war in Russia between 1941 and 1945 through five strategy games including 1941 Invasion, 1942 Second Offensive, 1943 Russian Offensives, 1944 Battle for Poland, and a game depicting the entire campaign. The object is to take and hold key Russian cities before the computer or an opponent can accumulate reinforcements. Ten levels of difficulty and random strategic events are included to ensure that no two games play alike.



Based on the novel by Tom Clancy, *Red Storm Rising* is the story of a nuclear submarine on patrol after the Warsaw Pact nations have invaded Western Europe.

Rommel Battles for North Africa

Strategic Studies Group
Distributed by Electronic Arts
39.95

This war and strategy game allow players to recreate eight of the major battles between General Erwin Rommel and the Allied forces in North Africa during World War II. The battles of 1941—Syria, Cauldron, Kasserine, and Tebourga Gap—can be played as they actually occurred, or the construction kit can be used to create new scenarios. This game is the fourth sequel in the *Battlefront Series*.

Russia: The Great War in the East 1941–1945

Strategic Studies Group
Distributed by Electronic Arts
40.00

The player can be commander of either the Russian Red Army or the German Wehrmacht in this simulation of the World War II conflicts on the Eastern Front. Each army has up to seven divisions, and there are three theaters for each side. An economic system provides replacements, reinforcements, lend-lease, rail repair, and Western Front forces. Three shorter scenarios—Leningrad, Stalingrad, and Kursk—are also included.

Shiloh: Grant's Trial in the West

Strategic Simulations
Distributed by Electronic Arts
39.95

In April 1862, General Grant's Union forces were caught in a surprise attack at Pittsburgh Landing on the Tennessee River by General Johnston's Confederate Army of the Mississippi. This program recreates those two days of battle in 15 turns. The terrain of Shiloh is displayed on a 30 x 30 square-grid battlefield, and all the brigades and artillery are included. Play can be switched between strategic and tactical display, and a morale option is included for the untired troops. The program consists of three games—introductory, intermediate, and advanced.

Sons of Liberty

Strategic Simulations
Distributed by Electronic Arts
34.95

Three major battles of the Revolutionary War are recreated in this war simulation. The Battle of Bunker Hill is the introductory battle and involves a few thousand men and a small land area. The Battle of Saratoga is more complex; historically, this battle was considered the turning point of the war. The most advanced conflict is the Battle of Monmouth in which George Washington's veterans take on the British to prove Washington's leadership capabilities. The players must use their strategies and skills to defeat the British forces. In solitaire mode, the computer can direct either or both sides. Each game has three levels of difficulty.

Spitfire Ace

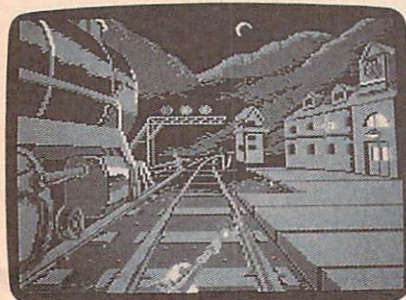
MicroProse
29.95

One to four players fly a Spitfire plane over Europe and the Pacific, dogfighting for survival and trying to shoot down enemy aircraft. There are 14 combat situations, including Pearl Harbor, D-Day, and Iwo Jima, all portrayed in 3-D graphics.

The Train

Accolade
29.95

Players assume the role of leader of the French Resistance during World War II. The Germans are losing their grip on France and are trying to smuggle the entire plundered art collection of France to Berlin. The French Resistance's mission is to capture the armored train and commandeer it through enemy lines for a rendezvous with the Allies at Normandy. Players encounter hostile combat situations including ambushes, sabotage, and strafing enemy planes.



French partisans try to capture a German-held train loaded with French art treasures during World War II in *The Train*.

Triple Pack

Access
joystick
19.95

Three games are available in this one package. *Beach-Head* is a war game in which the player tries to liberate an island from hostile enemy forces. In *Beach-Head II*, the Allied forces continue the fight against the dictator and the portion of his army that escaped destruction in the first game. Commandos must stop the Soviets from launching an attack in *Raid over Moscow*.

Tsushima

Avalon Hill
30.00

Set in the midst of the Russo-Japanese War of 1905, *Tsushima* recreates ship battles on both strategic and tactical levels. The strategy game involves sightings and battles with ship-to-ship maneuvers and combat. In the tactical game, each side selects a fleet drawn from the 29 ships available. For one or two players.

Typhoon of Steel

Strategic Simulations
Distributed by Electronic Arts
49.95

This sequel to *Panzer Strike!* features American and Japanese units. Players can choose from three battle fronts—the Pacific with the Americans versus the Japanese, Asia with the Japanese doing battle with the British, and Europe with American forces fighting the Germans. The game has special rules for bonzai charges, flamethrowers, and naval support.

Under Fire

Avalon Hill
34.95

This World War II simulation contains three maps of Europe, nine scenarios, and a map-maker disk. The computer can control the U.S., German, or Russian armies and allows simultaneous movement. The armies are divided into ten-man squads and are rated by weapon and quality of training. The view is angled from above the battlefields.

Up! Periscope!

ActionSoft
disk drive
29.95

Computer commanders patrol the Atlantic and Pacific Oceans in a World War II fleet-class submarine. There are 14 historical scenarios to follow, or players can create their own battles. Targets include enemy freighters, tankers, troop ships, destroyers, and battleships. The submarine carries Mark 10 and Mark 18 torpedoes, surface and attack radars, a variable-power periscope, and oceanic charts. The sub's information is displayed by the onscreen instrument panel, and ships appear in 3-D graphics. The game can be played in reality mode.

U.S.A.A.F.

Strategic Simulations
Distributed by Electronic Arts
59.95

This war game simulates the daylight bombing of Germany by the U.S. Air Force in World War II. Bombers include the B-17 and B-24 which are escorted by P-38 Lightnings, P-47 Thunderbolts, and P-51 Mustangs. Weather, altitude, morale, experience, and enemy defenses affect each raid, and every plane is accounted for at the beginning and end of each mission. Players can command either the Allied offensive or the German defenses. There are five levels of play. For one or two players.

Wargame Construction Set

Strategic Simulations
Distributed by Electronic Arts
joystick
29.95

Players can design their own war games complete with maps, terrain, man-to-man or large-scale combat, weapons, movement, and fighting attributes. Games can be designed based on actual battles, or new games can be created for any period from ancient wars to futuristic space encounters. Eight complete games are also included.

War in the South Pacific

Strategic Simulations
Distributed by Electronic Arts
59.95

Three World War II South Pacific scenarios are presented in this package. The first is a hypothetical situation in which the Battle of Midway never took place and the Japanese fleet is still intact in the South Pacific. The second game involves the invasion of U.S. forces at Guadalcanal and the Japanese response. The final game recreates the actual battles at Guadalcanal from October 1942 through March 1943. The games are broken down into one-, four-, and eight-hour segments. Each scenario takes about 20 hours to play, and the whole game takes about 50 hours to complete.

GAMES

Warship

Strategic Simulations
Distributed by Electronic Arts
\$9.95

Almost every warship that fought in the Pacific from 1941-45 is included in this game. Each side—Allied or Japanese—can have up to 20 ships at one time. Seventy-nine classes of ship are rated by size, speed, radar, flotation, armor, and guns. Players select either ship or division command mode; the computer automatically calculates damage and visibility. Included are three historical scenarios and one hypothetical scenario. Players can also design their own ships by modifying the given data.

Wooden Ships and Iron Men

Avalon Hill
\$35.00

Wooden Ships and Iron Men recreates the tactical actions of the era of the Napoleonic Wars and the American Revolution. The battles include the *Bonhomme Richard* versus *Serapis* and *Constitution* versus *Guerriere*. Players can also recreate 20-ship skirmishes such as the Nile, Chesapeake, and Trafalgar battles. Features include a choice of 25 naval scenarios, 13 ship types, and 18 nationalities. The game also provides detailed historical information on 200 actual ships. For one or two players.

MISCELLANEOUS GAMES

For further information, circle Reader Service Number 210.

The Activision Little Computer People Discovery Kit

Solid Gold Software
Distributed by Mediagenic
\$14.95

Each program contains a house where a unique computer person lives. Users must communicate with, play with, and take care of their computer person. The character in each game can talk, write letters, play card games, and play music.

GAME DESIGN FLASHY TRICKS OF THE TRADE

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RKDO, RT 1 Box 199A, Stanley, Wis 54768

Dr. Ruth's Game of Good Sex

Avalon Hill
\$29.95

True/false and multiple-choice questions concerning sexual awareness are presented in Dr. Ruth's frank style. For 1-7 adult players.

Mad Libs Disk #4

Cardinal Software
Commodore 128
\$19.95

Five games are contained on this disk. In *Mad Libs*, the program creates amusing stories from words entered by the user; themes include Once Upon a Time, First Day of School, Cookie Recipe, and more. The names of almost 400 famous people and places must be guessed in *Hangman*, which has two levels of difficulty. In *Word Scrambler*, a type of hangman, the letters have to be unscrambled in addition to being guessed. *Roll-X* is played against the computer using computer dice to try and reach a particular total. *Oregon Trail* simulates a 2000-mile trip over the Oregon Trail in 1847. The player has to buy supplies and deal with strangers, bad weather, and wild animals.

Wright Computer

ENTERTAINMENT SOFTWARE	LIST PRICE	WRIGHT PRICE
Barbarian	\$29.99	\$20
Bard's Tale I, II, Or III	40.00	26
California Raisins	24.99	16
Deeper Dungeons (Gauntlet)	24.95	16
Defender Of Crown	34.95	23
Elway Quarterback	29.99	20
Gauntlet	39.95	26
Harrier Combat Simulator	29.95	20
King Of Chicago	34.95	23
Maniac Mansion	34.95	23
Paperboy	39.95	26
Pool Of Radiance	40.00	26
Questron II	39.95	26
Road Runner	34.95	23
Terrorpods	29.99	20
Three Stooges	34.95	23
Twilight Zone	39.95	26
Twilight's Ransom	39.95	26
Ultima IV Or V	59.95	39
War In Middle Earth	59.99	39

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President Elect—1988 Edition

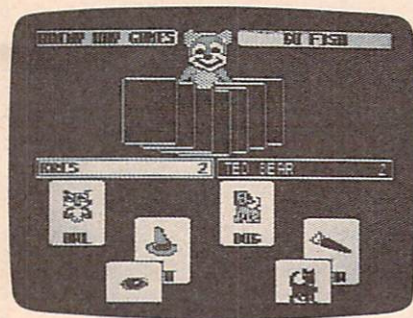
Strategic Simulations
Distributed by Electronic Arts
24.95

As many as three players can simulate any presidential election from 1960 to 1988 using a roster of 71 candidates and actual statistics. Candidates are rated on social, economic, and foreign policy as well as public image. Players can vary factors such as economic condition, party status, and confidence index to alter the outcome of the election. Fictional candidates may also be created. Play covers a period from Labor Day through Election Night and could last from one-half hour to six hours. The package includes a disk, rule book, strategy sheet, and election map. For grades five through college.

Rainy Day Games

Baudville
29.95

Children can play card games with Ted Bear, including Concentration, Old Maid, and Go Fish. Each card game features three skill levels. Ted Bear plays fairly and accepts losing well, setting a good example for children. The program can be used to develop the ability to concentrate and use strategy. From one to four players can participate.



Children can play card games with Ted Bear in Baudville's Rainy Day Games.

Rock 'N Roll Studio

Spinnaker Software
Joystick
6.95

As owner of a recording studio, the player can create songs, store them in the jukebox, and play them back.

Software Golden Oldies, Volume 1

The Software Toolworks
Distributed by Electronic Arts
19.95

Four games in their original version are collected in this package. *Adventure* is a dungeons-and-dragons-type adventure game where the player searches the Colossal Cave for treasures while avoiding peril. With *Eliza*, the user confers with the program as if he or she were talking with a psychiatrist. The user enters statements, and Eliza responds with questions and ideas. *Pong* is a ping-pong game based on the videogame of the same name. There is also an alternate version of *Pong*, one which takes advantage of some of the modifications in personal computers. *Life* is a representation of a universe with its own elements and physical laws in which the player creates colonies that live, grow, and die.

Ticket to London

Blue Lion Software
29.95

As a tourist in London, the player can visit many famous sites and landmarks—the capital, museums, the outdoor market in Portobello Road, plays, and an afternoon tea at Fortnum and Mason. While touring London, the player must also search for clues to the identity of a well-known Briton. The program displays the time and date, and there's always a chance of rain. The graphics were created by digitizing film from London.

Tic Tac Show

Advanced Ideas
34.95

Tic Tac Show is an animated quiz show where an emcee asks questions from 14 subject areas. Questions are in the form of multiple choice, fill in the blank, question and answer, and true or false. An authoring system allows users to add to the program. An optional library of LearningWare disks expands the program even further. Designed for ages 4-Adult.

Ticket to Paris

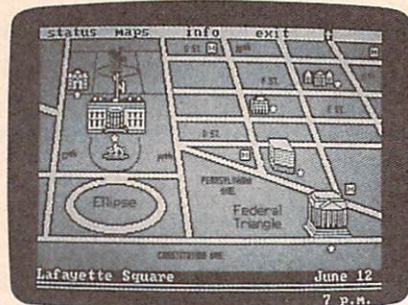
Blue Lion Software
29.95

Players can learn about the everyday life, food, art, history, and locale of the French while searching for a missing cousin in Paris. Activities include booking a hotel room, ordering from a menu, changing dollars, walking on the Champs Elysees, and touring sites such as the Louvre and Montmartre. Players can converse in either English or French, and a dictionary is provided. The graphics were created by digitizing film of Paris.

Ticket to Spain

Blue Lion Software
29.95

With a limited budget and a variety of tasks to accomplish, the user travels through Spain in search of a family heirloom. While exploring historical landmarks, attending bullfights, shopping, and dining, the user can learn about Spanish culture, language, history, geography, and contemporary life. The game may be played in either English or Spanish. A phrase book is included.



Players visit various historical and tourist attractions in Ticket to Washington D.C.

Ticket to Washington, DC

Blue Lion Software
34.95

With *Ticket to Washington, DC*, users can visit more than 45 places in the capital city, including museums, Capitol Hill, Georgetown, Mount Vernon, the Mall, Arlington, and historical memorials. There are also 14 different mysteries in which the player tries to discover the identity of a famous American by collecting clues from around Washington. The game contains seven detailed 3-D maps, onscreen information, and realtime graphic scenarios.

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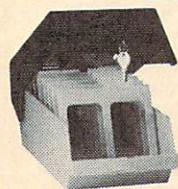
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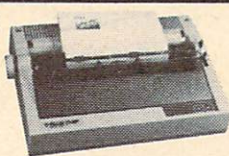
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GRAPHICS

GRAPHICS PROGRAMS

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Reader Service Number 211.

Blazing Paddles

Baudville
34.95

Blazing Paddles is a paint program that can be used with any input device. The program comes with a variety of text fonts and predrawn shapes, and it includes a printer dump for most black-and-white and color printers. The user manual includes a short primer on hi-res graphics.

Cadpak-128

Abacus
Commodore 128
59.95

A computer-aided design package for the Commodore 128, *Cadpak-128* can be used to create high-resolution pictures and graphics designs. It offers the same features as the 64 version: drawing, editing, zoom, color-fill, and print-out capabilities. The AccuPoint cursor-positioning feature pinpoints the exact location on the screen, and the object editor can be used to define and modify drawings. The program supports keyboard, mouse, or light pen input.

Cadpak-64

Abacus
39.95

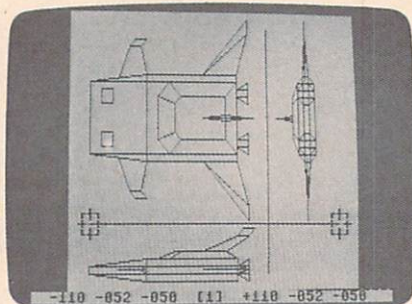
This computer-aided design package can be used to create high-resolution pictures and graphics designs. Users can draw and edit pictures, drawings, or layouts. The program features dimensioning, zoom, color-fill, copy between two screens, an object editor, and printout capabilities. The AccuPoint cursor-positioning feature can be used to pinpoint the drawing location on the screen. The program supports keyboard, mouse, or light pen input.

CAD 3D

IHT Software
1541 disk drive; printer and plotter
optional
49.95

This 3-D computer-aided design program for the 64 can produce a wire-

frame design using the Cartesian coordinate system. Up to 2000 lines can be drawn, rotated 360 degrees, translated to other axes, or superimposed over other designs. Text and graphics can be added using *Doodle*. The program accepts either keyboard or joystick input, and it can output to the 1520 plotter or any Commodore-compatible dot-matrix printer that produces printouts in hi-res mode. A backup copy is available for \$7.



Wire-frame designs on a Cartesian plane can be drawn, rotated, saved, and printed with CAD 3D, from IHT Software.

Chartpak-64 and -128

Abacus
Versions available for Commodore 64 and
128, dot-matrix printer
39.95

Chartpak for the Commodore 64 or 128 can be used to design, draw, edit, and print pie, bar, and line charts or scatter graphs in eight formats. It also calculates and inserts statistics such as the mean, regression, and least squares into the charts. The program is available in versions for the Commodore 64 or 128 and supports dot-matrix printers.

ColorMe: The Computer Coloring Kit

Mindscape
Joystick or KoalaPad required, printer
recommended
29.95

Young children in grades kindergarten through fifth grade can draw freehand or can color predrawn pictures with *ColorMe*. Using a printer, the pictures can be printed, and then the child can cut out his or her drawing. Text can be added to the pictures. A *ColorMe Picture Disk* is included with the program. Additional disks featuring *Rainbow*

Brite, *Muppet Babies*, *Shirt Tales*, *Hugga Bunch*, and *Tink Tonk!* are available for \$9.95.

Create with Garfield! Deluxe Edition

DLM
39.95

This two-disk package helps students improve their artistic skills while they create Garfield posters, cartoons, and labels. The students choose a background and characters; then they create a scene and add dialogue or captions. Included are over 200 pieces of art and borders as well as a variety of typefaces. The finished product can be printed on a color printer. An activity sheet lists different ways the program can be used at school or home.

Doodle

Crystal Rose Software
joystick, mouse, or trackball; printer
optional
39.95

This machine language drawing program enables users to create and print out high-resolution graphics. Features include Stamp, which repeats nine graphics; Letter, which varies the size and style of characters; Mirror, which creates mirror images; and Copy, which can duplicate, squeeze, reduce, enlarge, stretch, rotate, or reposition the graphic. There are also drawing commands such as line, fill, zoom, boxes, circle, and sketch; sketch contains nine pen sizes and erasers and nine paintbrush speeds. Graphics can be drawn in 16 colors, and a negative image can be created. Printouts can be made using most Commodore-compatible printers.

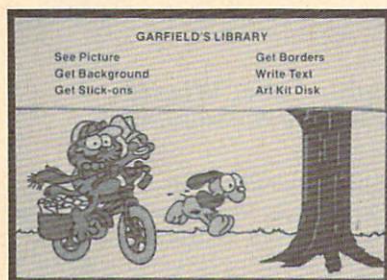
Flexidraw Version 5.5

Inkwell
34.95

This newest version of *Flexidraw* includes data entry device support of Koala Touch Pad, Commodore-compatible joysticks and mouse devices, and Inkwell light pens; the package does not include any of the devices. Drawing features include geometric shapes, line widths, copy, paste, edit mode, erase, fill patterns, 90-degree rotation, and object flip, and there are ten font styles in three sizes. *Flexidraw* allows freehand and point-to-point drawing in hi-res

GRAPHICS

black-and-white. There's also a color addition program, a modem transmission program, a sprite editor, a sprite animator, and a program to view pictures without the menu bar. *Flexidraw* owners can update to version 5.5 for \$15.



Children can design colorful posters and cartoons featuring Garfield and Odie with *Create with Garfield!* Deluxe Edition.

Graphics Magician Junior

Polarware Software
19.95

The computer does the drawing with this graphics program: Users just point at an object and click, and the object is drawn. *Graphics Magician Junior* offers circles, boxes, triangles, straight lines, fill, brushes, and over 256 colors and patterns. Joystick, keyboard, or touchable input is accepted. The program is not copy-protected.

Graphics Magician Painter

Polarware Software
24.95

This graphics program for the Commodore 64 uses color, patterns, lines, circles, fills, boxes, and brushes to help the artist create a variety of pictures. The program stores the artwork as artist's movements so the pictures can be edited at any time and many can be stored on one disk at a time.

Home Designer CAD

Free Spirit
Commodore 128
49.95

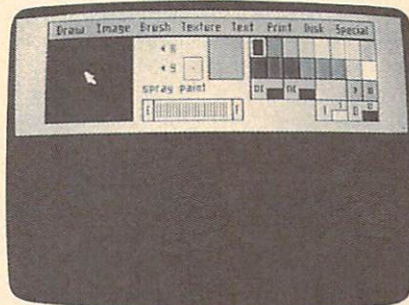
This object-based CAD package can be used to create house plans, mechanical drawings, schematics, engineering applications, model airplane plans, and

other detailed drawings. It offers accurate scaling, a command set, five different layers, support of library figures, and printout capabilities. Drawing tools include zoom, rotate and copy up to 360 degrees, lines, circles, ellipses, boxes, arcs, line trimming, and translation to relocate objects.

Masterpiece

Scorpion Software
29.95

Masterpiece can be used to zoom, move, copy, scale, rotate, twist, and fold pictures created with the Commodore 64.



Color and black-and-white pictures can be modified with *Masterpiece*, from *Scorpion Software*.

Picasso's Revenge

Progressive Peripherals and Software
59.95

Picasso's Revenge is a drawing program that includes a light pen. The light pen can be used to select draw tools such as colors, lines, circles, polygons, and text. Shades can be added with the airbrush and spray modes. Other features include mirror, zoom, and move; and there are 35 patterns. Drawings can be printed.

Pic.Builder

Weekly Reader Family Software
29.95

Pic.Builder is a build-it-yourself picture kit that lets students use their imaginations to design pictures while they learn to use the computer. The program contains 40 pictures from which children can create their own pictures that can be saved and printed. For ages 8-Adult.

Rainbow Painter

Springboard
34.95

A graphics program for children ages 4-10, *Rainbow Painter* contains 50 different brushes and a variety of color patterns so that children can create their own drawings or color in one of the 50 prepared line drawings.

Stickers

Springboard
34.95

One hundred sticker pictures in ten categories can help children learn to distinguish shapes. In this program, kids select a sticker shape, color it, and combine it with other shapes to create a sticker picture. Children can also create their own stickers. For ages 4-12.

Teddy Bear-Rels of Fun

DLM
39.95

Teddy Bear-Rels of Fun contains a program disk and a graphics library with over 200 pieces of art to create teddy bear stories, pictures, posters, labels, stickers, and other items. The art includes borders, backgrounds, characters, a variety of typestyles, and a text writer so captions and dialogue can be added to the pictures. The two-disk package is designed to enhance learning in art, math, and language. Projects can be printed on black-and-white or color printers. An activity book contains 100 suggestions for using the program in the classroom.



Text and dialogue can be added to teddy bear pictures, posters, labels, and stickers created with *Teddy Bear-Rels of Fun*.

Video Title Shop

Datasoft
joystick
29.95

Video Title Shop helps amateur producers design text, borders, and graphics screens to add to videotape recordings for home and business presentations. There are a variety of font styles and sizes from which to choose, or you may design new fonts. Tools can be used to create fades, wipes, fizzles, scrolling, and cycling between screens, and picture backgrounds can be imported from other graphics program. The included graphics program, *Micropainter Plus*, supplies four pens and 16 colors. Version 2.0 also includes an optional continuous loop and an abort-from-sequence command.



With *Video Title Shop*, color text, borders, and graphics screens can be added to videotape recordings.

CLIPART AND FONTS

For further information, circle
Reader Service Number 212.

Awesome Art #1

Chipmunk
9.95

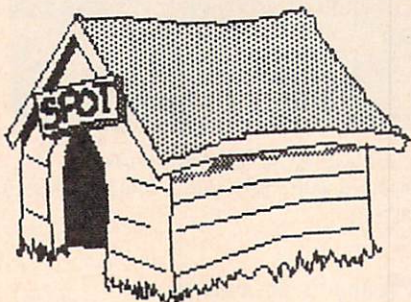
Awesome Art #1 is a collection of 103 graphics that can be used with *Print Shop*.

Diskart

Those Designers
GEOS
8.50 each

Each disk in this series contains a variety of graphics that can be copied into

documents using GEOS. Disk #1 is a collection of holidays and weather graphics plus two pages of tips for using *GEOPaint*. Disk #2 contains little guys, holidays, and musical graphics as well as a U.S. map, work-disk labels, and tips for *GEOPaint*. Disk #3 offers wheels-and-things graphics—vehicles, a Porsche 959, tin lizzies, warbirds, a DC-3 Airliner, an F4 Phantom, and a Nieuport 17 World War I. Disk #4 has little guys, foodstuff, tools, ovals, blocks, Commodore 64 and peripherals, and spring and summer graphics. The graphics on Disk #5 deal with vehicle wheels, flowchart symbols, little women, drafting equipment, banners, and houses. Disk #6 contains graphics of animals. And Disk #7 is an assortment of boats, island stuff, baby stuff, and female and male heads. Diskforms contains five blank, preruled forms and three ready-to-print forms. The *Musi-Kit* disk has graphics for creating sheet music.



This custom doghouse is just one of the graphics available on the Diskart disks from *Those Designers*.

Flexifont

Inkwell Systems
Flexidraw
29.95

Flexifont contains 33 type fonts in three sizes plus a type font and a character generator. Keystrokes or combinations of keystrokes can be used to create small single icons, and graphics fonts can be formed by hooking together keystrokes. The new fonts are stored in a font file that can be copied or pasted to a picture. With the *Font Capture* program included in the package, fonts from public-domain and non-copy-protected software can be captured and saved to use with *Flexidraw*.

Graphic Art Disks

Software Support International
Printshop or *PrintMaster*
14.95 each

Each of these disks contains 100 hi-res graphics in formats for *Printshop* or *PrintMaster*. Subjects include pets, sports, kids, boats, planes, and more. Ten disks are available for \$14.95 each.

Graphic Label Wizard

Software Support International
24.95

Graphics from *Printshop*, *PrintMaster*, and *Software Solutions* can be added to labels and saved to disk. Up to eight lines of text can be included with each graphic. The printer drive supports Epson and Commodore printers and prints up to four labels across. The disk contains 50 graphics.

Graphics Converter

Cardinal Software
19.95

Graphics from *Print Shop* can be converted to work with *Print Master*, and *Print Master* graphics can be converted to work with *Print Shop*. Most of the converted graphics may also be printed.

The Graphics Galleria

Inkwell Systems
Flexidraw or Doodle
29.95 each

The *Graphics Galleria* is a collection of clip art that can be used with either *Flexidraw* or *Doodle*. Group I contains graphics for borders and signs, maps of the world, holiday themes, and a clip-art potpourri. Group II includes clip art for animals, futuristic encounters, the office, and miscellaneous themes. The disks are sold separately for \$29.95 each. Individual disks with just one clip-art category are available for \$9.95.

Postcards

Activision
Distributed by Mediagenic
paint package
24.95

Postcards is a collection of clip art—warthogs, dogs, rhinos, Mona Lisa, food, aliens, and more—that can be used to create postcards, invitations, memos, and other personal notes. Plus,

GRAPHICS

there are backdrops such as landscapes and beach scenes on which to place the graphics. Personal messages can be typed in or phrases and letters from the collection can be added. A paint program is included so users can design their own notes.

Shapes and Fonts II

Baudville
Blazing Paddles
24.95

This program provides shapes and sophisticated text styles to use with *Blazing Paddles*. Twelve text styles and hundreds of predrawn shapes are included. The graphics were originally published separately in Baudville's Shape Library as *Kid Stuff*, *Shapes and Fonts*, and *Science*.

GRAPHICS UTILITIES

For further information, circle
Reader Service Number 213.

The Banner Machine

Cardinal Software
printer
49.95

Signs of any length with letters in eight sizes from $\frac{3}{4}$ inch to $6\frac{1}{2}$ inches can be constructed with *The Banner Machine*. Five letter styles and 15 backgrounds are included in the program. Additional fonts are also available—*Font Disk II* and *Font Disk III* each contain four additional fonts for \$39.95 each. A complete package with 13 letter styles is available for \$99.95.

FinePrint

Designlab
dot-matrix printer
49.95

FinePrint can be used to print pictures ranging in size from a fraction of an inch up to a hundred feet tall. It uses worn-out ribbons to build up shades of gray on the paper for an almost-photographic quality. The program works with dot-matrix printers that have dot-graphic capabilities and use ribbons.

Graphic Labels

Chipmunk
non-Commodore printer
9.95

Graphic Labels enables text from *Print Shop* library to be mixed with graphics to create labels. The package includes the program, instructions, and a collection of graphics. The program will not work with Commodore-compatible printers.

Graphics Integrator 2

Inkwell Systems
graphics program
29.95

The *Graphics Integrator 2* enables users to convert picture files from one graphics program to another, integrate the files into word processors, and create slide shows. This utility is compatible with the following programs: *Flexidraw*, *Doodle!*, *Print Shop*, *Print Master*, *Koala*, *Cadpak 64*, *Super Sketch*, *GEOS*, *Computereyes*, *Animation Station*, *Blazing Paddles*, *Newsroom*, and *Billboard Maker*.

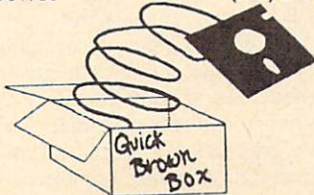
Use a Doodle

Chipmunk
Doodle
6.95

This BASIC program shows how to use artwork created with *Doodle* in other programs. It also contains the programs *View Doodle* and *Doodle Slide Show*.

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★★★★★★★★

PROGRAM PROTECTION MANUAL FOR THE C-64 VOLUME II

This manual begins where the first left off. It covers the most recent advances in program protection. It explains half-tracks, extra tracks and sectors, modified formats, nibble counting, track arcing, unimplemented opcodes and much, much more!!! It is written in that same 'easy to understand' style as the first volume. A disk is included to help you fully understand the principals. Essential reading!

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Art Gallery: American History

Unison World
PrintMaster, PrintMaster Plus,
The Print Shop
24.95

Designed for use with *PrintMaster Plus* and other desktop publishing packages, this program contains over 300 graphics of major events and people in American history. Every state and president is depicted.

Art Gallery: Fantasy

Unison World
PrintMaster, PrintMaster Plus,
The Print Shop
24.95

A collection of 140 fantasy graphics, this program includes Amazons, dragons, trolls, treasures, and weapons. The program can be used with other desktop publishing packages, also.

Art Gallery I

Unison World
PrintMaster, PrintMaster Plus,
The Print Shop
24.95

Over 140 graphics to use with desktop publishing programs are contained in this program. Themes include signs of the zodiac, major holidays, animals, office items, sports, and background patterns.

Art Gallery II

Unison World
PrintMaster, PrintMaster Plus,
The Print Shop
24.95

This supplemental program for *PrintMaster Plus* features graphic designs including international flags and symbols, ornamental letters, people, pets, and business art.

Award Maker Plus

Baudville
39.95

Parents, teachers, coaches, and best friends can use this program to create a variety of customized awards, certificates, licenses, coupons, and other documents. Designers can choose the text

style, personal message, border style and color, and hi-res pictures to add to hundreds of predesigned awards. The program supports class name files and includes gold-embossed press-on seals. There is a 90-day limited warranty.

AwardWare

Hi Tech Expressions
printer
14.95

Users can print traditional certificates, awards, licenses, signs, and announcements and create coupons, tickets, checks, stationery, memos, and other awards. There are 20 graphics, 20 borders, five fonts, five seals, and unlimited text borders from which to choose. The Commodore version also includes a version of the program for Atari computers on the flip side.



These are just a few of the graphics available in the fantasy clip-art collection, Art Gallery: Fantasy from Unison World.

BetterWorking Word Publisher

Spinnaker
GEOS
39.95

Word Publisher works in the GEOS environment and is compatible with *geoPaint* and *geoFont*. It supports nine fonts and six type styles per page. Editing features include center, right, and full justification; single- and double-spacing; tabs; headers; footers; pagination; and word-wrap; and the commands can be accessed by mouse. In the view mode the documents can be displayed as WYSIWYG. Files can be chained for longer documents, and multiple graphics can be placed on the same line. The program contains a 100,000-word spelling checker and supports more than 100 printers.

CardWare

Hi Tech Expressions
dot-matrix printer optional
9.95

People of all ages can print greeting cards for birthdays and special occasions. The cards can be personalized with name and age, and a variety of graphics and musical effects can be added. Graphics include a teddy bear, a rag doll, roses, a birthday cake, a toy train, and a village scene. Cards and greetings can be printed or sent on disk. The Commodore version also includes a version of the program for Atari computers on the flip side.

Certificate Library, Volume 1

Springboard
Certificate Maker
29.95

This program offers over 100 additional certificates to use with the *Certificate Maker*. There are 24 new borders and six dozen stickers.

Certificate Maker

Springboard
39.95

Personalized certificates can be created for all kinds of occasions at school, home, or work. There are over 200 certificates to choose from, and individual names and messages can be added to each. More than three dozen gold seals and stickers are also included to give the certificates some extra charm.

Clip Art Collection, Volume 1

Springboard
The Newsroom
29.95

A collection of over 600 pieces of clip art to use with *The Newsroom*, this selection features people, music, holidays, flowers, religious symbols, sports, and animals.

Clip Art Collection, Volume 2

Springboard
The Newsroom
39.95

This collection of clip art to use with *The Newsroom* features medical, day-care, realty, industry, office, shopping, travel, and other business-related graphics. Over 800 pieces of clip art are included.



Stickers and buttons can be created using the images from Clip Art Collection, Volume 1 and The Newsroom.

Clip Art Collection, Volume 3

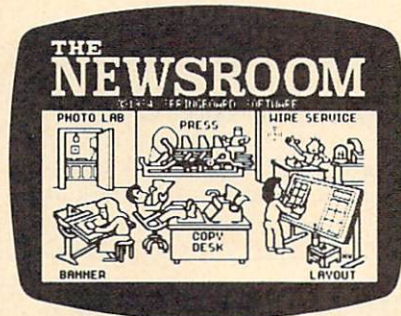
Springboard
The Newsroom
29.95

This selection of clip art for *The Newsroom* offers over 600 sports and recreation pieces, including tennis, skydiving, baseball, fishing, soccer, track, and camping.

Create a Calendar

Epyx
printer
29.95

Daily, weekly, monthly, and annual calendars can be designed with this program. Over 100 graphics, borders, and fonts are included, or images from *Epyx Graphics Scrapbooks* and *The Print Shop* can be imported. Notes and graphics can be added to any day, and regular events can be scheduled automatically. Users can call up any year from 1753 through 9999.



The picture menu from *The Newsroom* illustrates the choices available to users of this desktop publishing package.

Graphics Expander, Volume 1

Springboard
The Print Shop
34.95

The *Expander* includes over 300 graphics that can be used with *The Print Shop* to create banners, letterheads, cards, and signs. The program offers drawing and editing tools to let the user change the graphics or design new, original ones. Text can be added to the artwork, and hi-res pictures from other programs can be modified to use with *The Print Shop*.

HeartWare

Hi Tech Expressions
printer
9.95

With this program, users can print greeting cards of friendship, love, and appreciation. Graphics include flowers, a rainbow, a butterfly, and more. The animation can be personalized with friendship greetings. The Commodore version also includes a version of the program for Atari computers on the flip side.

JingleDisk

Hi Tech Expressions
4.99

This holiday card maker can help users print full-page graphics or folded cards for personalized season's greetings. Animated, musical stories can be added to each message. The program includes the disk-kaer option.

Love Note Maker

Hi Tech Expressions
dot-matrix printer
14.99

Love Note Maker contains 100 sheets of heart printer paper, 16 stickers, and a program for creating personalized love notes and animated friendship greetings. Graphics include birds in a nest, snails, love fish, nature scenes, a pond with a rainbow, a large heart with an arrow, and an underwater scene.

The Newsroom

Springboard
49.95

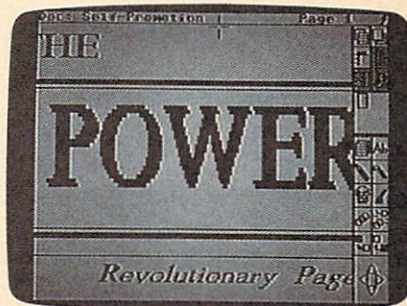
Desktop publishers can use this program to create newsletters for family, clubs, school, or business. *The Newsroom* contains a word processor and

over 600 pieces of clip art. Text wraps around any photos and graphics added to the composition. There are five fonts to use for entering text, and text can be printed out on most printers.

PaperClip Publisher

Electronic Arts
49.95

PaperClip Publisher users can produce multiple-column page layouts for items including newsletters, fliers, price lists, menus, greeting cards, résumés, and brochures. The program supports various-sized documents of up to 50 pages. Other features include the ability to work outside a given document for temporarily holding text and graphics; a refreshing feature that automatically updates any altered part of a document; the ability to move articles page to page; and WYSIWYG.



The WYSIWYG feature of *Paperclip Publisher* displays documents on the screen as they will look when printed out.

PartyWare

Hi Tech Expressions
printer
14.95

Users can print invitations, thank-you notes, and greeting cards for parties and other special occasions, or design their own party decorations. Other creations include banners, hats, place mats, animated cards, invitations, and greetings on computer disks. The program contains a variety of graphics, greetings, and borders. Print utilities can generate 15 graphics, 15 graphic salutations, and ten borders. The program also has a database that can hold 60 names and addresses. The Commodore version includes a version of the program for Atari computers on the flip side.



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DESKTOP PUBLISHING

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Unison World
34.95

This graphics program allows users to design and create banners, posters, stationery, cards, and calendars with their computer and a dot-matrix or laser printer. The program offers 11 borders, nine fonts, a drawing pad, a graphics editor, and over 100 pieces of art. Users can place the border and text, preview it, change it, add graphics, and preview it again before printing. Previously saved designs can also be edited. Additional graphics disks are available from Unison World.

PrintPower

Hi Tech Expressions
14.95

PrintPower allows users to create personalized greeting cards, invitations, multiline banners, tent cards, signs, posters, stationery, and fliers. Users can choose from horizontal or vertical formats, seven variations of six fonts, 40 border designs, and 60 graphic designs with free-form positioning. The program features line-by-line text editing and an onscreen template that lets the user visualize the item while it is being created. The graphics capabilities can be expanded by using Hi Tech's AwardWare. The Commodore version also includes a version of the program for Atari computers on the flip side.

Sesame Street Print Kit

Hi Tech Expressions
dot-matrix printer
14.99

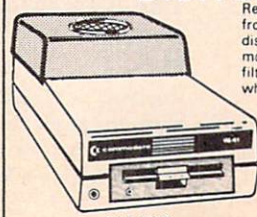
The Muppets are featured in this print program for the entire family. It can be used to design and print signs, posters, banners, cards, invitations, decorations, and books. Sixty Sesame Street Muppet graphics are included, along with 20 borders and seven typefaces. The program is available on a floppy disk for the IBM and Apple II or Atari and Commodore 64.

SwimWare

Hi Tech Expressions
9.99

Digitized swimsuit models adorn the calendars created with this program. Daily, weekly, monthly, and annual calendars (for any year through 1999) can be designed and printed. The program can also be used to keep track of appointments and events.

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Personal File	*	*	*
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Word Processor	*	*	*
Expense Account Module	*	*	*
Auto Dialer	*	*	*
Parallel Interface	*	*	*
Cassette Interface	*	*	*
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MUSIC AND SOUND COLLECTIONS

For further information, circle
Reader Service Number 215.

Bach Songbook

Dr. T's Music Software
29.00

This disk is a collection of Bach compositions—15 two-part inventions, 3 three-part sinfonias, and 2 four-part fugues.

Casio Sound Disk

Sonus
49.95

The *Casio Sound Disk* contains ten banks of sounds to use with the Casio line of synthesizers.

Christmas Carols

Chipmunk
6.95

Christmas Carols is a collection of 12 Christmas carols in three-part harmony. The lyrics are included.

Christmas Classics

Free Spirit
9.95

A collection of over 40 Christmas songs, including "Joy to the World," "Deck the Halls," "O Tannenbaum," and "Jingle Bells."

Dr. Drums Pattern Disk

Dr. T's Music Software
29.00

The *Dr. Drums Pattern Disk* is a collection of rock, funk, jazz, and other MIDI4 drum patterns and solos.

Dr. Keys Pattern Disk

Dr. T's Music Software
29.00

Dr. Keys Pattern Disk contains patterns, riffs, and public domain music in rock, jazz, blues, and classical styles. Patterns can be combined or altered.

DX Sounds, Volume I

Dr. T's Music Software
49.00

DX Sounds is a collection of 288 sounds ranging from simple splits to out-of-the-ordinary sounds. This sound disk is also available in versions for CZ, K-3, DS-8, ESQ, and MT-32 voices.

Great Hymns

Chipmunk
9.95

This collection of 25 hymns includes "Old Rugged Cross," "Amazing Grace," "On Christ the Solid Rock," and "All Hail the Power of Jesus' Name." The hymns are in three-part harmony, and the lyrics are included.

Master Tracks Pro

Passport
Commodore 128, MIDI Interface Card, MIDI-equipped instruments
299.95

Master Tracks Pro, the enhanced version of the *Master Tracks* sequencer, is a MIDI recording and editing system for the Commodore 128. It provides real-time, step-time, and song-mode sequencing. Multitrack songs can be created in sections or as continuous works, and users can record or play from any point in the sequence. In addition to the same features found in the original *Master Tracks*, the 128 version offers an undo command, an expanded memory capacity, memory-resident modules and data, data filters, and the ability to append sequences together from the disk in recorder mode.

MIDI Beatles Song Album

Passport
MIDI Interface Card, MIDI synthesizer
34.95

This collection features ten of the Beatles' greatest hits. Users can accompany the songs or just listen. Songs can be reorchestrated by changing the presets on the synthesizer.

MIDI Pops Song Album

Passport
MIDI Interface Card, MIDI Synthesizer
34.95

The *MIDI Pops Song Album* includes ten pop tunes by such artists as Olivia

Newton-John and Billy Joel. Users can play along with the songs or just listen. Songs can be reorchestrated by changing the presets on the synthesizer.

MIDI Sampler Song Album

Passport
MIDI Interface Card, MIDI synthesizers
34.95

The *MIDI Sampler Song Album* is a collection of MIDI arrangements of ten baroque masterpieces including "Tocatta and Fugue in D minor." Songs can be reorchestrated by changing the presets on the MIDI synthesizer.

Songs for Kids

Chipmunk
9.95

A menu-driven program for children ages 3-7, *Songs for Kids* is a collection of 25 songs such as "Mary Had a Little Lamb" and "Hickory, Dickory, Dock." The words appear on the screen as the music plays.

MUSIC CONSTRUCTION

For further information, circle
Reader Service Number 216.

Advanced Music System

Rainbird
dot-matrix printer optional
59.95

A music-creation and -editing program, *Advanced Music System* is designed for professional musicians. It consists of six integrated modules—editor, keyboard, synthesizer, linker, printer, and MIDI. The editor can be used to compose, edit, and arrange musical passages, while the keyboard module permits the keyboard to be used as the music-entry device. The synthesizer module allows sonic tailoring of the waveform and output of the computer's SID chip. The linker feature helps merge and chain passages to develop full-length compositions. The MIDI capability allows control and playback through conventional MIDI keyboards and synthesizers. And with the printer module, music files with lyrics can be printed on dot-matrix printers. The program contains icons and pull-down menus.

Algorithmic Composer

Dr. T's Music Software
99.00

Three programs—*Series*, *Phrase*, and *SAC (Stochastic Algorithm Composer)*—are included in this package. With *Series*, users can enter individual series of pitches. *Phrase* helps users generate musical themes using a three-octave scale, and *SAC* allows the creation of four-part harmonies and themes. The programs can play the sequences they create or store them in the *Keyboard Controlled Sequencer* format.

Caged Artist Editors

Dr. T's Music Software
99.00 each

Caged Artist Editors is an assortment of editors and librarians used to edit patch parameters. The edit screen displays the patch parameters and highlights the parameter being edited. Patch-parameter values can be changed by typing in the new value, or they can be incremented or decremented using the joystick or keyboard input. More than one set of patches can be held in memory at one time, and the voice parameters can be printed. Individual editors include the 4-Op Deluxe, Kawai K3, Lexicon PCM-70, Oberheim Matrix 6, and the Roland JX-8P.

Com Drum

Datel Electronics
54.99

Drum rhythms with up to eight voices can be produced with *Com Drum*, a hardware and software package. The software features a live-play mode, a realtime input sequencer, a step-time input sequencer, adjustable tempo, a metronome, and a full-pattern editor that can be used in real- or step-time. The interface plugs into the user port of the Commodore. The software is sold without the hardware for \$14.99 and can be used with *Sampler 64*.

Com Drum Editor

Datel Electronics
Com Drum or *Sampler 64*
9.99

This editor can be used with *Com Drum* or *Sampler 64* to edit and construct drum kits. The disk contains 24 drum sounds.

Convertifile Plus

Dr. T's Music Software
Music Shop
75.00

This utility can help the user convert Dr. T's *Keyboard Controlled Sequencer* or *Passport MIDI 8+* files to *Music Shop* format for editing and scoring in music notation format.

CZ-Patch Editor and Librarian

Dr. T's Music Software
synthesizer
99.00

With this editor and librarian, musicians can create, edit, and store patches on the Casio CZ-101, -1000, -3000, and -5000 synthesizers. Sets of 16 patches can be stored on disk or transferred between the computer and the Casio memory. The Commodore version holds three sets of patches at once. Envelope parameters can be copied from one envelope to another within a patch, rescaled, and copied to other patches. The data can be displayed as rates and levels. There is a fast-edit mode so programmers can experiment with a variety of values with a minimum of keystrokes. Sequences from the *Keyboard Controlled Sequencer* can be played with this program.

CZ-Rider

Dr. T's Music Software
99.99

CZ-Rider can be controlled by joystick, synth keyboard, or computer keyboard. CZ parameters can be displayed in the edit screen, while another screen can show color graphs of the envelope level compared to time. The envelopes can be drawn by selecting a point to change and then moving it. The respective sounds are played as the graphs are drawn. Other features include naming voices, copying envelopes between two voices, inserting or deleting steps in an envelope, an adjustable time scale, and printing.

Double-Banked Programmer and Librarian

Sonus
Casio CZ-101, -1000, and -5000 series synthesizer; MIDI interface
99.95

With the *Double-Banked Programmer/Librarian*, music programmers can create, edit, and store sounds from the Casio synthesizer or the computer. The sound patches can be rearranged and joined to form tunes. The patches can also be printed out.

DX-Patch Editor and Librarian

Dr. T's Music Software
synthesizer
99.00

Patches for the Yamaha DX7 can be created and stored with this music editor. The program also aids in programming the model DX9 and the TX7 and 8-16 expansion modules. With the program, musicians can attach a keyboard controller or external sequencer to the MIDI in the computer to hear the TX sounds. Sound data is displayed in DX7 format and can be edited. Patch data is displayed on three data screens and can be edited or printed. Two sets of patches can be kept in memory at one time, and over 800 patches can be stored on a disk. Patches can be sent individually or in groups of 32. The patch librarian contains 128 patches. The *DX Patches Volume 1* disk contains an additional 288 patches and is sold separately.

DX21/27/100 Librarian

SoundWare
Yamaha synthesizer
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DX21/27/100 Librarian can store banks and individual voices and print patch lists from Yamaha's four-operator, FM synthesizers.

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Sonus
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Programs to use with DX or TX equipment from Yamaha can be created, edited, and saved to disk with the *DX-TX LP*. This librarian and editing pro-

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COMMODORE

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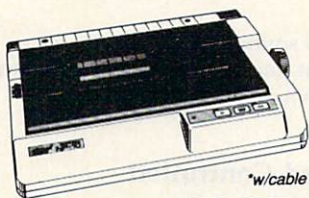
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1-800-233-8760



NX1000



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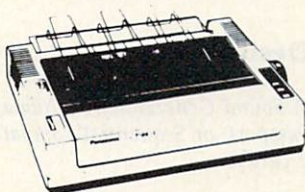
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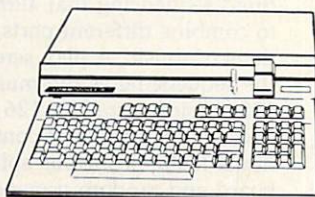
COMMODORE

\$439⁹⁵

128 D System

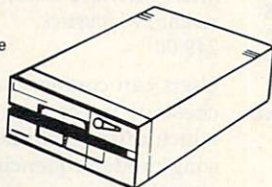
Commodore
128D and
Thompson
4120

\$629⁹⁵



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100% Commodore
64C drive compatible,
this Excelsior Plus
disk drive is quieter,
smarter, faster, and
more reliable than the
1541 and 1541C.



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COMMODORE

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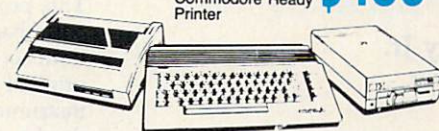
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COMMODORE

64C Special System

\$459⁹⁵

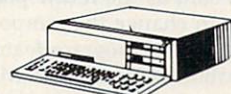
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- Excel FSD-2 Disk Drive
- Star NX1000C Commodore Ready Printer



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- MSDOS + GW Basic Included

- Serial + Parallel Ports
- Mono/RGB Color Card Included

gram offers three menus—main, edit, and disk—with four independent levels plus four function keys in each, for a total of 48 functions. The program contains two banks of sounds, so 64 sounds can be loaded at one time. There are also 20 hidden commands. The A/B selectable feature allows the programmer to see and hear other programs while in the edit menu. Programs, patches, and functions can be printed out. The program disk includes ten cartridges of 32 patches each.

Echo Plus

Dr. T's Music Software
89.00

Echo Plus contains two programs. The first program can operate on one output channel and includes an infinite loop. The second program allows the user to define up to four independent or overlapping ranges. Both programs can start a short sequence for each note played, and both feature four-way keyboard splits, doubling, MIDI echos, one-finger chords, and arpeggiated chords.

Euphony

TCO Software
39.95

Euphony is a music processor that can be used to create and edit music selections. It uses dotted 32nd notes, triplets, legato and staccato, repeats, and crescendos. Music code can be edited. The program features MIDI-out capabilities and automatic error detection. Four hours' worth of preprogrammed music is included.

Euphony Jr.

TCO Software
26.95

This music program contains four hours of classical and popular music. The notes are graphically displayed on the staff and keyboard as the music plays, and the user can change the tempo, key, and instruments. The program features a MIDI-out capability for use with MIDI keyboards. Some lyrics are included.

Euphony+

TCO Software
44.95

Euphony+ contains all the features of *Euphony*; in addition, it can print music

scores to an Epson or Star Micronics printer.

FB01 Design

Sonus
FB01 FM Sound Generator from Yamaha; Sonus, Passport, or Sequential-compatible interface cards
99.95

FB01 Design is a double-banked MIDI librarian and editor to use with the FB01 FM Sound Generator from Yamaha. The program contains two independent banks of voices and configurations and can get or send full banks of voices and configurations. Library functions include swap, bank to bank, insert, and delete. The edit mode can update parameters, display algorithms graphically, swap, copy, and initialize. There is also a print-screen feature.

Generic Librarian

SoundWare
14.95

The *Generic Librarian* can store bulk dumps from instruments that support bulk Sys-Ex dumps, parameters for instruments using handshaking, and parameters input by the user. The program is a 32K system-exclusive recorder and is compatible with Yamaha, Korg DW-8000, DS-8, Ensoniq ESQ-1, and Casio instruments.

Instant Music

Electronic Arts
joystick optional
29.95

This program uses red, green, and blue color bars to represent pitch and duration, so even nonmusicians can create original music with this program. Three instruments—including guitar, bass, drums, piano, sax—can be played at one time, and music can be output to MIDI. Editing features include cut, copy, paste, zoom, volume, and tempo for songs up to 32 measures long. New instrument sounds can be created using the synthesizer feature, and MIDI users can add a drum machine to the piece. A library of over 40 songs is also on the disk. MIDI instruments are not included.

Juno 106 Librarian

SoundWare
14.95

Up to 128 sounds can be stored in memory at one time with this librarian and random patch generator.

Keyboard Controlled Sequencer

Dr. T's Music Software
149.00

This MIDI sequencer offers editing and structuring of music entered by keyboard or synth keyboard. Features include realtime recording, overdub, step-time entry, sequence editing, cut and paste, transpositions, autocorrect, inversions, and time reversals, plus structured sequencing that allows the user to combine different parts or repeat sections of music. A play screen displays the sequencing as the music plays. The 64 version holds 3500 notes and 35 sequences.

Keyboard Controlled Sequencer

Dr. T's Music Software
Commodore 128
225.00

This MIDI sequencer offers editing and structuring of music entered by keyboard or synth keyboard. Features include realtime recording, overdub, step-time entry, sequence editing, cut and paste, transpositions, autocorrect, inversions, and time reversals, plus structured sequencing that allows the user to combine different parts or repeat sections of music. A play screen displays the sequencing as the music plays. The 128 version can store 126 sequences and 12,000 notes and contains additional features such as splitting the keyboard and random transpositions.

Master Tracks

Passport
MIDI Interface Card, synthesizers, drum machines, joystick
249.00

Users can compose, arrange, and orchestrate music with *Master Tracks*, which offers realtime, step-time, and song-mode sequencing. Realtime sequencing features 16-channel track recording, master clock syncs to and from MIDI sequencers, unlimited number of

tracks with track-mix function, independent track looping, fast forward and rewind, and an over-8000-event memory without loops or repeats. The step-time sequencer contains the Quikstep editor and has cut, copy, and paste options. In the song mode, programmers can step-assemble songs with 16-channel sequences, build songs much the same way a drum machine does, and assemble 256 different sequences using any of 999 steps. The program requires a Passport MIDI Interface Card, one or more MIDI-equipped synthesizers, conventional or MIDI drum machines, and game paddles or a joystick. A tape recorder is optional.

MIDI/4 Plus

Passport
MIDI synthesizer, MIDI Interface
99.95

MIDI/4 Plus is a four-channel recording program that incorporates multi-track tape recorder qualities with unlimited overdubs on four separate channels, realtime editing, tempo control, and recording of all controllers, including key velocity, pitch bend, preset changes, aftertouch, and modulation. Editing features include punch in and punch out, an autocorrect to 32nd-note triplets, and the editing of beats in 24 increments. The sequencer also allows fast forward and rewind.

MIDI/8 Plus

Passport
MIDI synthesizer, MIDI Interface
149.95

MIDI/8 Plus is an eight-channel MIDI recording program that incorporates multitrack tape recorder qualities with unlimited overdubs to eight channels, realtime editing, tempo control, and recording of all controllers, including key velocity, pitch bend, preset changes, aftertouch, and modulation. Editing features include fast forward and rewind, punch in and punch out, single-step playback, and 24-increment editing of beats. A tape sync feature requires an external sync box or Passport's MIDI Interface with tape sync.

MIDI 4+ /8+ Sequence Editor

SoundWare
Passport sequencer
14.95

This sequence editor is designed to be used with Passport's sequencer programs. It can perform step entry, inserts, deletes, and step editing of MIDI 4+ and MIDI 8+ sequence files.

MIDI Processor

Sonus
see description for requirements
119.95

Data files created with sequencing software—*SuperSequencer* and *Studio I*—can be loaded and edited with *MIDI Processor*. Single events or ranges of events can be edited with the micro and macro editing functions. Range edits include transposing tracks, velocity level, velocity scale, autocorrect, removal of program changes, erasing or keeping a track in a range, and bouncing a track from one sequence to another. The program offers other features such as viewing individual MIDI events, live punch, playback mute controls, disk utilities, and a seam manager. Requirements: *Super Sequencer* or *Studio I* data files; *Sonus*, *Passport*, or *Sequential* MIDI interface card.

MidiTech 64

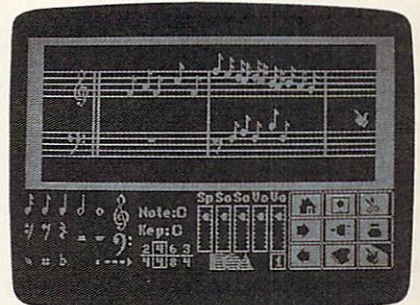
Sonus
MIDI interface card, MIDI device
99.95

MidiTech 64 is a monitor and system-exclusive librarian designed to view, send, receive, manipulate, and save MIDI bytes sent from MIDI devices such as keyboards, drum machines, and sequencers. It features programmable MIDI filters, MIDI trigger functions, receive-with-prefix send capability, system-exclusive dump requests, and an over-25K send-and-receive buffer. The monitor edit functions include edit, insert, delete, ten programmable go-to points, fill, and hunt. Handshake protocols can be saved to disk. System-exclusive dumps can be saved to disk and are compatible with the *Super-Sequencer*. *MidiTech 64* includes system-exclusive dump requests for the CZ-101, RX11, DX-TX, FB01, KORG 600, and LINN drum.

Music Construction Set

Electronic Arts
14.95

Users can compose, edit, save, print, and play music with this program. It includes accidentals, octave raisers, triplets, dotted notes, and ties, along with graphic displays.



Music Construction Set displays notes on a staff with the parameters listed below for ease in creating or editing music pieces.

The Music Shop for MIDI

Passport
MIDI Interface Card, MIDI synthesizers and drum machines
149.95

With this program, users can compose, edit, and print music. The onscreen editor allows the user to move or erase blocks of music, pick up a note once and place it any number of times, and input notes from the MIDI keyboard. Eight voices can be assigned to four different MIDI channels. Sheet music can be printed in piano, single staff, or quartet formats. Each musical piece can be up to 20 pages in length. The program supports all key signatures and uses pull-down menus and windows.

The Music Studio

Activision
Distributed by Mediagenic
joystick optional
34.95

Professionals and amateurs can use this program to create their own musical compositions. The editor lets users change tempo, duration, and volume. New instruments and sound effects can be created by modifying the attack, sustain, release, and decay features. The paint box provides a place for experimenting with new sounds or melodies,

SOUND AND MUSIC

and the piece can then be copied into the editor. The music can be printed in sheet-music form, and the program can be used with electronic keyboards. Up to three verses can be added to a song, and a library of original compositions is included.

Passport MIDI Voice Editor for FB-01

*Passport
MIDI Interface Card, Yamaha FB-01
synthesizer*
125.00

Passport MIDI Voice Editor is a voice librarian and editing system for Yamaha's FB-01 synthesizer module. The program allows users to organize and edit sounds for the FB-01, create a library of voices and configurations, organize setups, and send, receive, copy, move, name, and print banks of voices and configurations. Voice parameters can be edited. Channel assignments are provided for both MIDI In and MIDI Out.

Passport MIDI Voice Librarians

*Passport
MIDI Interface Card, MIDI-equipped synthesizer or drum machine*
69.95

This program allows users to save and load favorite presets and banks of sounds on disks. An unlimited number of custom sound libraries can be created by organizing and rearranging banks of presets. Sounds in computer memory can be monitored without disturbing the resident presets in the synthesizer.

Rock 'N' Roll Studio

*Spinnaker
joystick*
6.95

As owner of a recording studio, the user can create a song, store it in the jukebox, and play it back with the touch of a few buttons.

RX Librarian

*Sonus
Yamaha RX11 or RX21 drum machine,
MIDI interface card*
69.95

The *RX Librarian* contains over 150 jazz, Latin, and rock drum patterns to use with the Yamaha RX11 or RX21 drum machines. With this program, drum patterns and mixes can be named, edited, and stored. Twenty lines of comments can also be entered with the files and stored or printed out.

Sampler 64

Datel Electronics
89.99

With *Sampler 64*, sounds can be digitally recorded by the 64 and then edited for reproduction. The software features eight record speeds, six automatic trigger levels, sound dubbing, echo effects, an onscreen level meter, and hi-res screen displays of the envelope. Editing functions include erase, copy, mix, and swap. The package contains an interface with two inputs which fits into the user port.

SFX FM Composer and Sound Editor

*Fearn and Music
SFX Sound Expander synthesizer*
45.50

This program is a nine-channel sequencer and voice editor to use with the SFX Sound Expander synthesizer to write, edit, store, and play music and custom sounds.

SFX Sound Sampler

Fearn and Music
127.00

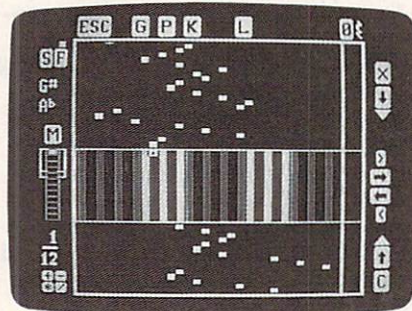
SFX Sound Sampler can be used to digitally record sounds and play them back in higher or lower pitches. Each sound can be edited and displayed as a waveform. Up to four samples can be used at one time.

Songwriter

*Thunder Mountain
Distributed by Mindscape*
9.95

Songwriter can help students with limited musical skills create and save tunes to play on the computer. Piano-roll

graphics and notations are used for composition. A library of songs is included on the disk. For grades 1-8.



Notes are displayed in a piano-roll format in *Songwriter* from Mindscape.

Sonic Editor

*Sonus
Prophet or Ensoniq Mirage sampling keyboard; Sonus, Passport, Sequential, or compatible MIDI interface card*
99.95

A graphics waveform editor and sound management system, *Sonic Editor* consists of three main parts—parameter options, edit mode, and program library and disk storage. With the parameter options, wave-sample or program parameters from the lower or upper half of the keyboard can be displayed. Displays include loop start and end, loop fine adjust, top key value, LFO frequency, and OSC detune, mix, and filter values. The edit mode includes three methods for drawing and editing waveforms—scrolling the waveform, drawing on the screen, or manually plotting points. Single-page waveforms and preset parameters can be stored on-board with the program library to provide 78 sounds. Sets of 78 sounds can be stored on disk, and a library of 78 preprogrammed sounds is provided with the program. The program also includes a dot/line mode display and screen print. *Sonic Editor* is available for the Prophet or Ensoniq Mirage sampling keyboard.

SOUND AND MUSIC

Sound File

Blank Software
disk drive, joystick or mouse, Ensoniq
ESQ-1 2.0
69.95

Sound File for the 64 is a sound and sequence librarian program for the Ensoniq ESQ-1 Digital Wave Synthesizer. It can use up to four sound banks at one time and has two patch libraries, each holding up to 120 sounds. You can move the patches within and between banks and libraries and combine songs to create new song banks. A disk can store up to 1600 patches. The program is written in assembly language and uses windows and pull-down menus, plus a joystick- or mouse-driven operating system. *Sound Bank* requires a Passport, Sequential, or European MIDI interface, a Commodore joystick or mouse, and the Ensoniq ESQ-1, version 2.0 or higher.

Speech Construction Set

Covox
Covox Voice Master
29.95

The *Speech Construction Set* allows a programmer to use his or her own voice patterns to create speech for other programs. Speech can be cut and pasted or edited by modifying the pitch, amplitude, and frequency. Waveforms and speech patterns are graphically displayed onscreen. The program includes help screens and file utilities and is written in machine language. The package includes a manual. Covox Voice Master is required.

Studio One Sequence Editor

SoundWare
Studio One program from Syntech
14.95

This editor is for use with Syntech's *Studio One* sequencer program.

Super Sequencer Series

Sonus
Versions for Commodore 64 and 128;
Sonus, Passport, or Sequential MIDI interface card
189.95 (Commodore 64)
229.95 (Commodore 128)

A series of recording and librarian routines for professional music programming, the *Super Sequencer Series*

contains a built-in MIDI system-exclusive librarian and studioliike controls such as fast forward, live mute, and assignable velocity. The programmer can set the beginning and end of each sequence, move the sequence, and control MIDI channel assignment and velocity. The track-modification menu can be used to delete pitch wheel, mod wheel, sustain pedal, or volume change. Sequences can be arranged into songs, and up to four songs can be arranged in memory at one time. Additional features include time-base transfer, a captive play-through function, autocorrect, and velocity leveling. The 128 version has a command to record changes in MIDI volume data to convert the master keyboard's mod wheel into a MIDI volume control.

Synthy-64

Abacus
17.95

Synthy-64 is a music program that provides control of the Commodore 64 synthesizer. It can be used to perform special effects or modify voices to sound like a piano, accordion, or drum. Three albums of classical, American, and Christmas music are included with each disk.

VDS Mirage

Dr. T's Music Software
Ensoniq Mirage synthesizer
129.00

An editing system for the Ensoniq Mirage synthesizer, this program can display graphics; edit waveforms, wave-shaping synthesis, additive synthesis, and FM synthesis; and generate Karplus-Strong waveforms.

Virtuoso 64

Chipmunk
29.95

This music editor helps the user create sound effects and background music. The interrupt-driven music code can be added to BASIC or machine language programs.

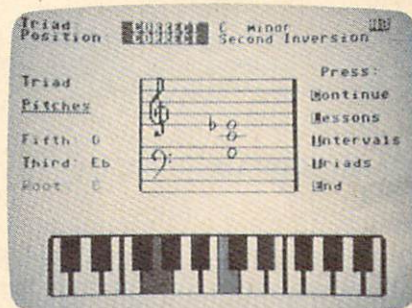
MUSIC EDUCATION

For further information, circle
Reader Service Number 217.

Ear-Training Tutor

MSB Music Software
Passport-compatible MIDI interface and
synthesizer optional
59.95

The *Ear-Training Tutor* is a music drill program to help students learn to identify sounds. It produces ascending and descending intervals and triads in all inversions in melodic and harmonic forms. The sounds are displayed in musical notation on an onscreen staff and musical keyboard. The program includes more than 50 music lessons, or custom combinations can be selected. Records of lessons can be maintained. The sounds can be played through the Commodore music chip, or an optional Passport-compatible MIDI interface to a MIDI synthesizer can be used.



Students practice identifying sounds and intervals with Ear-Training Tutor.

Guitar Wizard

Baudville
29.95

This program helps novice to intermediate guitarists learn and analyze the fingerings and fretboard patterns for all types of chords and scales. The fretboard, notes, and finger positions are shown in graphic displays that can be printed. Advanced players can develop improvisational skills, while teachers can develop custom lessons and study materials with the printing feature.

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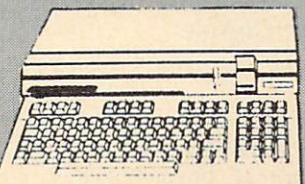


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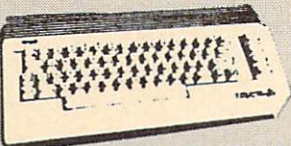
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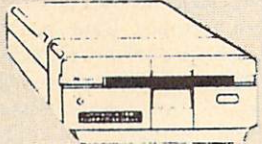
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ADA Training Course

Abacus
39.95

ADA is the program development language of the U.S. Department of Defense, and this package contains tools for creating programs in that language. The system includes an editor, syntax checker and compiler, assembler, disassembler, and a manual.

Assembler/Monitor

Abacus
39.95

Programmers can develop machine language programs for the 64 with this package. The assembler supports macro assembler capabilities, conditional assembly, full-screen editing, symbol-table listings, and source-file chaining. It can assemble to disk, tape, or memory. The monitor program can be used to hunt, disassemble code, transfer or compare blocks of data, access other memory banks, quick trace with breakpoints, or perform single-step execution. The monitor and assembler programs can coexist and are both written in machine language.

BASIC-128

Abacus
Commodore 128
59.95

BASIC-128 is a compiler to speed up BASIC 2.0 and 7.0 programs on the 128. The program can be used to manage memory, compile programs in speed code (pseudo-code) or machine language, optimize For-Next loops, send commands to the disk drive, or change compiling parameters. The 128 version offers high-precision math functions and uses integer and formula optimizing techniques. The package also contains a runtime module.

BASIC-64

Abacus
39.95

BASIC-64 is a compiler for increasing the speed of BASIC programs. The pro-

gram can be used to manage memory, compile programs in speed code (pseudo-code) or machine language, optimize For-Next loops, send commands to the disk drive, or change compiling parameters. The 64 version can compile BASIC 2.0 programs using the overlay feature and BASIC extensions such as Simon's BASIC, VIC-TREE, and BASIC 4.0. A runtime module is included.

COBOL-64 and -128

Abacus
Versions available for Commodore 64 and 128
39.95

COBOL is designed to help users learn to program on the 64 or 128 in COBOL. It features a syntax-checking editor, compiler, interpreter, a crunch function to reduce memory size, sample programs, and symbolic debugging tools such as breakpoint, trace, and single step. The program supports a subset of ANSI COBOL 74 and is available in versions for either the Commodore 64 or 128. The 128 version works in either 40- or 80-column mode. A 150-page manual is included.

DeskPack Plus

Berkeley Softworks
GEOS 64 or 128
29.95

This package contains applications and desk accessories including *deskTop*; *Graphics Grabber*, which transports clip art from other programs; *Icon Editor*, which personalizes existing file icons; *Calendar*, a schedule organizer; *Blackjack*, a casino game; *geoDex*, a card file recall; *geoMerge*, a mail-merge program.

The Final Cartridge III

Datel Electronics
54.95

The Final Cartridge III is a cartridge-based operating system for the 64 and 128. It features pull-down menus, windows, and more than 60 commands and functions. The Calculator accepts input from a mouse, keyboard, or joystick, and it enables the 128 numeric keypad to be used in 64-mode. Note Pad is a mini-word processor with proportional characters. A freezer menu can be used for printing and screen dumps, killing sprites, changing a joy-

stick to an autofire mode, protecting the computer when changing joystick ports, and backing up to tape or disk. The ML Monitor does not reside in memory; it contains a sprite editor, character editor, drive monitor, printer driver, and scrolling functions.

FontPack Plus

Berkeley Softworks
GEOS 64 or 128
29.95

FontPack Plus has 43 new font styles plus the ten most popular font styles from *FontPack 1*. These fonts can be used in multiple point sizes with GEOS applications. Users can also modify existing fonts or create new ones.

FORTH Language

Abacus
39.95

This FORTH language package contains an extended vocabulary to support graphics and sound, a built-in full-screen editor, a FORTH assembler, and a handbook. Vocabulary words can be created as needed.

geoCalc

Berkeley Softworks
GEOS
49.95

This graphics-based spreadsheet uses as many as 28,672 cells in one spreadsheet and automatically recalculates data and formulas. Users can adjust the cell width and alignment and can perform over 25 advanced mathematical functions to 9-place accuracy. *geoCalc* performs basic arithmetic functions to 12-place accuracy. Data can be exchanged with *geoFile* and *geoWrite*. Other features include the ability to print all or part of a spreadsheet with or without headings; the ability to print in draft, high-quality, or near-letter-quality modes; and the ability to cut and copy data between cells and spreadsheets. Users can also split the screen and work on two separate sections of the spreadsheet.

geoCalc128

Berkeley Softworks
GEOS 128
69.95

geoCalc128 contains all of the features of *geoCalc* plus 80-column resolution, additional memory, benefits from 2 MHz processing, utilization of the numeric keypad, and the ability to rely on additional peripheral support.

geoChart

Berkeley Softworks
GEOS
29.95

This graphics-based charting program can be used with *geoWrite*, *geoFile*, and *geoCalc*. Users can produce numerous chart types including bar, column, area, pie, and scatter charts. Patterns, grids, and text can also be varied for impact.

geoFile

Berkeley Softworks
GEOS
49.95

geoFile can store almost everything, including recipes, invoices, and investments. Users can design custom forms up to 8½ × 11 inches; create text, numeric, and graphics fields; and sort data automatically. The program has extensive search-and-replace capabilities and can save up to 3000 words per file. Database forms can be printed 16 different ways, and all or portions of forms can be printed. Data can be transferred to *geoCalc* and *geoWrite*. *geoFile* also contains *geoMerge*, which is an adaptable mail-merge program.

geoFile128

Berkeley Softworks
GEOS 128
69.95

geoFile128 contains the same features as *geoFile*, plus it has 80-column resolution (with *GEOS128*), additional memory, benefits from 2 MHz processing, utilization of the numeric keypad, and added peripheral support.

geoProgrammer 2.0

Berkeley Softworks
GEOS
69.95

geoProgrammer 2.0 is an assembly-language development program that allows users create full-scale GEOS applications. *geoProgrammer* takes advantage of icon, menu, and window interfaces. The program includes *geoAssembler*, *geoLinker*, and *geoDebugger*. It can be used with *GEOS64* and *GEOS128*.

geoPublish

Berkeley Softworks
GEOS
49.95

A full-featured desktop publishing program, *geoPublish* features a complete graphics-oriented draw program; headline, columns, and graphics region layout; graphics options; the ability to import graphics from *geoPaint*; support for over 70 dot-matrix printers and all PostScript laser printers. The program can create documents up to 16 pages long; it has full-page and zoom display modes, supports over 80 GEOS-compatible fonts in point sizes ranging from 4 to 192, and can wrap text around graphics. The document text flows from page to page.

GEOS 128

Berkeley Softworks
Commodore 128
69.95

This operating system for the Commodore 128 contains GEOS desktop, the system's graphics interface; *geoPaint*, a color graphics workshop; *geoWrite*, a word processor; and *Desk Accessories*. Additional features include 80-column resolution with an 80-column RGBI monitor, benefits from 2 MHz processing, and utilization of the 128's numeric keypad.

geoSpell

Berkeley Softworks
GEOS
29.95

This spelling resource helps locate and correct misspelled words in any *geoWrite* document. Features include *geoDictionary*, which has over 38,000 words; the ability to create personal dictionaries for specialized vocabularies;

and global search-and-replace options. The program automatically scans the built-in and personal dictionary simultaneously. Users can edit and update personal dictionaries at any time. *geoSpell* also contains *geoFont*, which enhances documents by customizing fonts to the user's liking.

GEOS 2.0

Berkeley Softworks
59.95

GEOS is a Macintosh-like operating system for the 64. It contains the *geoWrite 2.1* word processor, a text grabber, *geoMerge*, *geoSpell*, and *geoLaser*. *geoWrite 2.1* features headers, footers, margins to eight inches, justification, centering, and search and replace. The text grabber can be used to convert text from other programs to GEOS format for modifications such as changing the font styles and adding graphics. The mail-merge program, *geoMerge*, can be used to create form letters and to merge data lists with documents. It can also be used to print product inventories and price tags. The *geoSpell* spelling checker has a 96K dictionary and allows words to be added to a personal dictionary. With *geoLaser*, documents can be printed on the Apple LaserWriter laser printer with near-typeset quality. Registered owners of *GEOS 1.3* can purchase an upgrade for \$24.95 plus \$4.50 shipping.

Linear Programmer

Computer Heroes
24.95

Linear Programmer can be used to solve linear programming problems with up to 50 variables and 35 constraints, including equality and less than or greater than. Objective (Z function) can be maximized or minimized. The solution is displayed on the screen.

MAE 64 Assembler, 5.0

Schneider Systems
29.95

This 6502 and 65C02 macro assembler offers a co-resident screen editor and resides with BASIC and Micromon. The assembler features conditional assembly, interactive assembly, pseudo-ops, and error checking. An 89-page manual is included. Not copy-protected.

Master-64 Development Tools

Abacus
39.95

Master-64 is a comprehensive application development package for screen management, indexed file management, multiprecision math, and machine language monitor. It can add 100 commands to BASIC. Features include ISAM file system, printer generation, BASIC extensions, programmers aid, BASIC 4.0 commands, and a machine language monitor.

Menu-Driven Operating System

Cardinal Software
29.95

Disk commands can be executed by reading the menu and pressing one key, and machine code can be converted to BASIC with this program. One-key commands include program operators such as LOAD and SAVE, and disk commands like copy, scratch, rename, format, renumber, and combine.

Pascal-64

Abacus
19.95

Pascal-64 is an introductory-level Pascal compiler designed for the 64. The programs compile into 6510 machine language.

PTD-6510 Symbolic Debugger, 4.0

Schnedler Systems
49.95

This transparent symbolic debugger features windows that show variables during stepping, a two-pass mini-assembler, and automatic patching. It also supports high-speed driver programs for automatic conditional stepping and shows 128 prior steps. For 6502 assembly language programs. A 100-page manual is included. Not copy-protected.

Super C

Abacus
Versions available for Commodore 64 and 128
59.95

Super C can be used on the Commodore 64 or 128 to produce 6502

machine code. This C language development system includes an editor, compiler, linker, and graphics and math libraries. Source code can contain 80-character lines and horizontal scrolling. Source programs can be up to 41K in length, while object code can be 53K. Up to seven modules can be combined with the linker, and the runtime library can be called from machine language or included as a BASIC-like program. The 128 version supports ramdisks.

Super Pascal-64 or -128

Abacus
Versions available for Commodore 64 and 128
59.95

Super Pascal is a development system in versions for the Commodore 64 and 128. It includes a source file editor, assembler, and runtime and utility packages, plus features such as high-precision 11-digit arithmetic, overlays, automatic loading of editor and source program, error messages and localization during compilation, and statistics reporting. The system uses the Jensen and Wirth compiler and extensions for graphics. The 128 version supports an 80-column, hi-res graphics package, 1571 burst mode, and a ramdisk.

Symbol Master Multi-Pass Symbolic Disassembler, 2.2

Schnedler Systems
49.95

This symbolic disassembler can convert 6502, 6510, undocumented op-code, 65C02, and 8502 machine language programs into source code. Coded labels are used to show the structure and flow of the program. Source code files can be output to disk. A 63-page manual is included. Not copy-protected.

Video BASIC-64

Abacus
39.95

Video BASIC-64 can add 50 commands for creating graphics and sound effects to BASIC. It offers a runtime version and support for dot-matrix printers.

XREF BASIC Cross Reference

Abacus
Commodore 128
17.95

XREF BASIC Cross Reference can be used to cross reference variables, line numbers, numeric constants, and BASIC keywords for debugging BASIC programs. The cross reference is sorted and listed to the screen or printer. Non-Commodore keywords can be cross-referenced; programs can be read from the disk. Separate versions are available for the 64 and 128.

Xytec Macro Set 1

Xytec
29.95

Xytec Macro Set 1 is a collection of 58 macros that speed up programming. The package offers more than 40 subroutines, over 4000 lines of code, and debugging aids. It works with DOS-compatible disks and hardware modifications such as 1541 Flash and Jiffy DOS.

TELECOMMUNICATIONS

For further information, circle
Reader Service Number 220.

BobsTerm Pro

Progressive Peripherals and Software
modem; versions available for Commodore 64 and 128
49.95 (Commodore 64)
59.95 (Commodore 128)

BobsTerm Pro supports X-Modem, Punter, Compuserve BIN, and XON/XOFF protocols. Disk-to-disk transfers can be viewed on the screen, and macro commands can store commonly used sequences. The onscreen buffer status display shows the byte count and full-view status line, and the buffer can be edited. The 64 version has a 28K buffer, and the 128 version has a 60K buffer. The 128 version also supports VT-100, VT-52, and 80ADN31 (CP/M type) and can read and write to CP/M-formatted disks. The program also includes a remote mode.

PRODUCTIVITY

DataQuick 64 BBS

Teja Soft
modem
19.95

DataQuick 64 BBS is an electronic bulletin board system for the Commodore 64. It supports Punter transfer protocol and 300- to 1200-baud modems. Up to 250 members can use the BBS. Features include sysop and user macros, multiple message boards, chat mode, built-in terminal program, automatic log-off, user log record, three levels of log-on, a clock display, security levels, remote sysop access, and public or private operation options.

DTJ-BBS

DTJ Software
modem
35.00

DTJ-BBS can be used to set up a discussion-oriented bulletin board system. It is based on the CP/M program, *Citadel*, and supports X-modem file transfers. Documentation is provided on the disk, or a version with printed documentation is available for \$40.

QuantumLink with Casino

Electronic Arts
14.95

This software package helps Commodore 64 and 128 users connect with QuantumLink, the national Commodore online network. Users can take advantage of QuantumLink's benefits including electronic mail, online conferences, games and tournaments, software reviews, and information services. The program also contains *Casino*, which is four multiplayer casino games that can be played against people from around the country.

SpeedTerm

Abacus
Commodore 64 or 128
39.95

This command-driven telecommunications package includes versions for both the Commodore 64 and 128. The program features partial VT-52 terminal emulation, both Xmodem and Punter file-transfer protocols, access to DOS, user-defined function keys, over 30 commands, and a 70-page manual. The 128 version supports a 45K buffer and

runs in either 40- or 80-column mode. The 64 version has a 24K buffer. *SpeedTerm* can be used with the Commodore 1600, 1650, or 1650 modems or any Hayes-compatible modem.

UTILITIES

For further information, circle
Reader Service Number 219.

Big Blue Reader 128/64

SOGWAP Software
Commodore 64 or 128, MS-DOS machine
44.95

The *Big Blue Reader* enables computer users to transfer files between the 128 or 64 and an MS-DOS computer. The program supports the Commodore 1571 and 1581 disk drives, 128 CP/M 1571 and 1581 files, and IBM PC-compatible formats such as single-sided 160/180K, double-sided 320/360K, and double-sided 720K. Features include 40- and 80-column screen displays, extra memory support, and support for the 2 MHz microprocessor. The 128 burst mode is used for fast file transfers with full error-checking. Both the 128 and 64 versions are included in this package. The program can also be used as a file copier.

Big Blue Reader 64

SOGWAP Software
MS-DOS computer, Commodore 1571 or 1581 drive
29.95

The 64 version of the *Big Blue Reader* can be used to transfer files between a Commodore 64 with a 1571 or 1582 disk drive and an MS-DOS compatible drive. The program supports IBM PC-compatible formats such as single-sided 160/180K, double-sided 320/360K, and double-sided 720K. Fast serial routines are used for the transfers with full error-checking. The program can also be used as a file copier.

Calibration/Test Disk

Microcube Products
ATC Microflyte joystick
4.95

The *Calibration/Test Disk* is used to calibrate the ATC Microflyte joystick, also from Microcube.

Copy II 64/128 Version 3.4

Central Point Software
Commodore 64 or 128, 1541 or 1571 disk drive
39.95

Backup copies of protected and unprotected programs can be made with *Copy II* for the Commodore 64 and 128. The utility can operate in 64 or 128 mode with a 1541 or 1571 disk drive, and it automatically "knows" which mode and drive is being used. The menu-driven program can back up a disk in two minutes on a single-drive system or in one minute on two-drive systems. With the Quick-Load feature, programs can be loaded more quickly. Utilities for formatting and deleting are also included. *Copy II* supports the ROMs in the 1571 drive and Commodore 128D. Registered owners can upgrade to version 3.4 for \$15.

CTRL-64

Cardinal Software
printer
19.95

CTRL-64 can be used to list a BASIC program to a printer with backspace or expanded-characters capabilities and device number 4 or 5. Printer codes can be changed, and a custom loader can be created. The program does not interfere with listing to the screen.

Disk Organizer

Cardinal Software
disk drive
24.95

Disk Organizer contains a variety of utility programs for managing disks. Programs include *Backup*, *Disk Copy*, *Dir Sort*, *Backup Marker*, and *Dir Print*.

Disk Tracker

Chipmunk
19.95

Between 1000 and 1800 disk directories can be filed on one disk with this program. Each directory can be individually viewed and sorted, or a master list of all disk and program titles can be printed. Jacket labels for disks may also be printed.

ditto

Cardinal Software
1541 disk drive
39.95

This disk-copy program can copy software published before 1984. It supports one or two 1541 disk drives and takes about 25 minutes.

Fast Load Cartridge

Epyx
39.95

The Fast Load Cartridge is designed to load most software up to five times faster than normal. It plugs into the cartridge port and can then automatically load disks with two keystrokes. It can copy single files or entire disks, send commands to the disk drive, and list directories. It also includes a full assembly language monitor.

1541/1571 Drive Alignment

Free Spirit
Commodore 64 or 128, 1541 or 1571 drive
34.95

This utility reports on the alignment condition of the disk drive while the user makes adjustments. Adjustments can be made to the speed and stop, and instructions are given for aligning both the 1541 and 1571 drives. The program autoboots in all modes and offers on-screen help. For the 64, SX64, and 128, with 1541 or 1571 drive, in all modes.

1541 MASH

Chipmunk
19.95

A disk drive and alignment program for the 1541 disk drive, this program helps users align their disk drive, adjust the drive speed, check the disk blocks and sectors, and clean the drive head.

1541 Physical Exam/1571 Physical Exam

Cardinal Software
Commodore 64 or 128, disk drive
39.95

Alignment, speed, and stop of disk drives can be checked and adjusted with these two programs. The program keeps a permanent record of each test so users can document gradual deterioration. Programs are available for the following disk drives: 1541, 1571, 8050,

8250, SFD 1001, and 4040. Both the type of disk drive and the program version must be specified.

Format Executive 3.0

Powersoft
Commodore 128, 1571 disk drive
59.95

Format Executive is a disk-format and file-transfer program that enables a Commodore 128 with a 1571 disk drive to read, write to, and format MS-DOS, CP/M-80, CP/M-86, Commodore CP/M, and Commodore DOS formats. The program includes a burst file-transfer technique, file transfers among the formats, Commodore PET ASCII to true ASCII conversion, support for wildcards, automatic disk log-on, and commands such as COPY, RENAME, ERASE, DIRECTORY, LOG, and HELP. With this program, word processing, database, spreadsheet, program source code, and many non-machine-specific files can be transferred at burst speed.

FreezeFrame

Supra
29.95

FreezeFrame is a totally transparent graphics screen-dump cartridge that works with most software. Users must press a two-key combination to send the screen to the printer.

Menu Master

Xytec
14.95

Menu Master can be used to read files created by List Master and to present the files in an hierarchical, menu-driven format. The files can also be printed out. Documents can be stored on more than one disk and can be longer than the memory. Menu Master and List Master are also available in one package as DocuMentor.

Micro Detective Automatic Error Detection

American Made Software
Versions available for Commodore 64 and 128
39.95

This debugger for BASIC on the Commodore 64 or 128 offers automatic error detection and tracing capabilities. It can find and give a reason for many

errors such as syntax and illegal quantity. The bug-buster trace routine shows each statement as it is executed and the variables involved. You can also list the variables, files, and loops used in the program. The trace function can also be turned on or off at any time. The 128 version supports BASIC 7.0 and windows. A trace window can be placed anywhere on a 40- or 80-column screen. Each package includes a reference manual.

Nibble Nailer

Chipmunk
49.95

This software-protection program can help prevent disk nibblers from copying programs. It claims to stop all disk nibblers available as of June 1986 and most casual copying, but it will not prevent all pirating.

Partner 128

Timeworks
Commodore 128, 80-column mode
49.95

Partner 128 is a cartridge-based collection of accessories that can be used concurrently with other Commodore programs. The accessories include an appointment calendar and date book, memo pad, name and address list, calculator, typewriter, envelope addresser and label maker, text printing function, and an automatic dialer for telecommunications. The 128 version works in 80-column mode and requires an autodial modem for the telecommunications aspects. It is not compatible with the Commodore 1600 modem or programs that require a plug-in cartridge. A Y-cable is suggested for use with programs requiring a joystick.

QuickCopy V2.0

Abacus
1541 disk drive
19.95

This disk copier can copy a disk in 2½ minutes using two 1541 drives or in 3½ minutes with one 1541 drive.

RAMDOS

Free Spirit Software
Commodore 128
39.95

RAMDOS is a RAM-based disk operating system that can turn all or part of the expansion memory from 1700 or 1750 RAM into a ramdisk. The data is held in expansion RAM rather than on a physical disk for faster access. RAMDOS supports standard disk commands, and the COPY command can be used to transfer programs and files from a floppy disk onto the ramdisk. The program uses all the memory in the expansion cartridge to provide 512 free blocks with the 1700, and 2048 free blocks with the 1750. Areas of expansion can be specified.

Screen Dump

Cardinal Software
19.95

Characters, but not hi-res graphics, can be dumped from the 64 screen to a printer. This machine language program can copy the 64's complete character-mode display except for sprites.

ShadowDOS

Where It's Soft!
Commodore 128
11.95

ShadowDOS is a collection of disk utilities. It hides in the computer memory and can be accessed from BASIC with one keystroke. The program can copy disks and files, alphabetize directories, list programs from the disk, autoboot disks, format, scratch, rename, and back up disks.

Sort/Merge

Xytec
19.95

This programming utility can be used to sort, merge, and append files. It can sort as many as eight input files, records up to 1024 bytes, records with as many as 255 fields, eight keys, and keys with up to eight bytes each. Records can be BASIC, text, fixed, variable, or delimited, and keys can be alpha, numeric, packed decimal, or signed or unsigned binary. The program features automatic restarts, continuous progress display, sort summary display, and self-optimization; the sort parameters can be saved to disk.

Super Aide

Free Spirit Software
29.95

Super Aide is a utility program that hides in the 64's memory. It provides bidirectional scrolling, automatic line numbering, automatic line deletion, re-number command, trace function, disassembler, format, direct DOS commands, backup on dual drives, ML load of files, append, screen dumps, function keys, and many more programming tools.

Supercat

Software Support International
1541, 1571, and compatible disk drives
24.95

Supercat can catalog as many as 640 disks and 5000 titles with a single drive. Additional lists and catalogs may also be printed.

Super Disk Librarian

Free Spirit
Commodore 128
24.95

Up to 25 programs per disk and 1000 disks and 15,200 program names can be cataloged with this library system. The program runs in fast mode with 80-column display. It reads 1541, 1571, and CP/M+ formatted directories and protected disks. The disks are stored in seven categories, and the libraries may be printed out. Disk utilities are also included.

Super Disk Utilities

Free Spirit
Commodore 64, 1571 disk drive
34.95

Super Disk Utilities enables 1571 disk drive owners to copy entire disks, edit by tract or sector, and perform DOS functions such as renaming disks, scratching or locking files, and changing disk format. Another function lets users program RAM memory. SDU can also perform some MFM utility functions. The program can support a second 1571, and many of the functions work on the 1541 disk drive.

Super 81 Utilities

Free Spirit Software
1581 disk drive; versions available for Commodore 64 and 128
39.95

Super 81 Utilities is a utility package for use with the Commodore 1581 disk drive. An options window displays the available choices, and the manual provides tutorials on 1581 partitions. Options include copying whole disks from the 1571 or 1541 to 1581 partitions, copying files, backing up 1581 disks or files, CP/M utilities, a disk editor that simultaneously displays in hex and ASCII, drive monitor, drive RAM writer, and DOS utilities such as scratch, format, rename, write-protect, change drive number, lock, autoboot, and bulk erase.

Super 64 Librarian

Free Spirit
1541 disk drive
24.95

For the 64 and 1541 disk drive, this cataloging and library system can read and store disk directories in 15 categories. The user can define the categories and add comments about the programs on a disk. A report and disk labels can also be printed out.

Toolkit IV

Datel Electronics
9.99

Toolkit IV is a collection of disk utilities for the Commodore 64. Disk Doctor V2 is a track-and-sector editor. Fast Disk Copy, File Copy V1, and File Copy V2 are disk- and file-copy programs. With Disk Look, a disk can be examined directly in the drive. Format can format a disk in approximately ten seconds, and Disk Log can list the contents of a disk. Disk Mon is a machine-code monitor that works on the RAM in the disk drive. Other programs include BASIC File Compactor, Header/Gap Editor, Error Make to create READ errors on a disk, Error Look, and File Compactor.

Utility Pac #1

Chipmunk
9.95

Utility Pac #1 is a collection of disk utilities including disk doctor, automatic file-scratcher, sort routines, directory sort, auto-unnew, single file copy, and directory editor.

APPLICATIONS

For further information, circle
Reader Service Number 221.

Astro*Talk

ComputerEasy
9.95

*Astro*Talk* is an astrology program for the Commodore 64 that can be used to calculate interpretations of career, love life, basic drive, and other personal characteristics. It uses the person's birthdate, time of birth, and geographical coordinates. An onscreen guide explains astrology terms and what they mean.

The Computer Club

Hi Tech Expressions
dot-matrix printer
14.95

Children ages 7-12 can use this package for a variety of activities. Kid Word is a word processor for completing homework and writing letters, newsletters, and diaries. An address book and calendar can help keep track of names and dates, while the calculator can aid in math problems. The start-your-own-club kit includes club charters, membership cards, club notes, passwords, and other resources for starting a club. There's also a message encoder and decoder for writing and hiding messages.

Corquest

Consort Software
24.95

Corquest is a drum-corps simulation and trivia game. There are four phases in which the player must answer a series of questions on junior drum corps history. When a question is answered correctly, the corps members advance from one formation to another on the screen. When a phase of questions is completed, the corps plays a musical selection. After all phases are finished, the corps progresses to the finals and performs its whole show. The player is the director of the corps and assembles the marching members. A random-question generator is included. *Corquest* is available in versions for the 1970s and the 1980s. Both versions can be purchased together for \$39.95.

Digital Landscape

Digiscape Software
disk drive; dot-matrix printer optional
46.95

Digital Landscape displays a 3-D, topographical view of any area of the United States except Alaska and Hawaii. The program uses data from elevation disks or information entered by the user to create 3-D renderings and horizontal or vertical cross sections. The renderings can be rotated 360 degrees in 1-degree increments in azimuth and tilted from +1 degree to +89 degrees in declination. Scales of the drawings can be changed, and the renderings can be printed. Elevation disks are sold separately.

Electronics AC/DC Circuit Analysis

Computer Heroes
29.95

This menu-driven program can calculate a numeric solution to electronic circuits with up to 40 nodes and 63 branches. The branches can have resistors, capacitors, inductors, current sources, voltage sources, or four types of controlled sources. Logarithmic or linear-step answers can be displayed in a graph. Available on disk or cassette.

Elevation Disks

Digiscape Software
Digital Landscape
27.95

The elevation disk sets contains 414,400 elevations taken at regular intervals across the U.S. The elevations are stored in 518 map files. There are five 5¼-inch disk sets, each with two or three disks, or three 1581 disk sets. Each set costs \$27.95, or the whole collection can be purchased for \$99.95.

Eliza

Artificial Intelligence Research Group
39.95

Eliza is a variation of the original psychoanalysis program designed by Dr. Joseph Weizenbaum of M.I.T. The user types in statements and the program responds with questions or comments, similar to the conversation-style responses a psychotherapist might give to a patient. The source code is written in BASIC.

Family Roots 128

Quinsept
Commodore 128
185.00

Family records and history can be entered, saved, and updated with *Family Roots*. The information can be displayed on the screen or printed in three pedigree charts or a chart of descendants. An ancestral line can be traced from parent to child with one key-stroke, and a search function allows the user to look for any type of information. The program provides a method for storing histories, anecdotes, and notes as well as names, birthdates, anniversaries, and other important dates. Data can be printed in single-sheet format for each person. Lists of names and addresses can also be generated. Utilities can assign ID numbers for each person, print blank charts, and exchange the data with other users of *Family Roots*. The program can be used in conjunction with many word processors. The 128 version is compiled, and the noncompiled BASIC code can be purchased for an additional \$20. In exchange for the original program disks and \$39, owners of the 64 version can trade for the 128 version.

Home Video Producer

Epyx
49.95

Users can add titles, text, and graphics to videos shot by a camcorder. For special events such as birthdays, the name of the person, his or her age, and the date can appear on the screen. Ten different typefaces are available in a variety of sizes and colors. Ready-made segments or custom graphics can be used.



Using *Home Video Producer*, text, titles, and graphics can be added to film shot with a home video camera.

The Luscher Profile*Mindscape*
29.95

Developed by the Swiss psychologist, Dr. Max Luscher, this program can be used to help analyze a person's preferences for colors, shades, and shapes. The program can record and interpret the responses to a variety of tests and develop a profile of the factors defining that person.

Mind Prober*Human Edge Software*
Distributed by Artificial Intelligence Research Group
49.95

Mind Prober can be used to develop a personality analysis of a person using information entered by answering true-or-false questions. The program presents a list of about 60 adjectives with which the user either agrees or disagrees. *Mind Prober* can then develop seven reports concerning the subject—introduction, relationships, attitudes towards work, coping with stress, personal interests, attitudes towards sex (or school, if the subject is under 18 years of age), and what makes the subject tick.

The Original Boston Computer Diet*Mindscape*
49.95

The Original Boston Computer Diet can be used as an individualized fitness and weight-loss counselor. The program can analyze the user's nutritional requirements, monitor eating and exercise habits, and offer suggestions of meal plans. The program was developed by a team of doctors, psychologists, and nutritionists.

Roadsearch*Columbia Software*
34.95

A database of 406 cities or road intersections and about 70,000 miles of interstate and major highways, this program can be used to map driving routes throughout the U.S. and Canada. The program can determine the shortest possible route or plan routes that avoid toll and other roads. Printouts include driving route, distance, travel

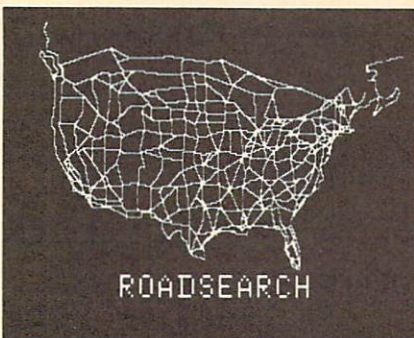
time, and fuel usage. Fifteen-day, money-back guarantee included.

Roadsearch-Plus*Columbia Software*
74.95

The *Plus* version contains all the features of the standard *Roadsearch* program, plus it allows users to add their own databases of up to 50 towns and 100 road segments anywhere in North America.

RSVP*Blue Lion Software*
29.95

Gameplay and simulation can help players test their knowledge of etiquette and learn how to handle situations at work and abroad. In the game, each player chooses a career and starts out at the bottom of the career ladder. Players can work their way up by learning the format for business letters, how to handle telephone calls, how to get along with co-workers, and how to participate in a formal dinner party. There are also quizzes on a variety of categories and countries to test the players' knowledge of international manners.



Roadsearch from Columbia Software can be used to plan the shortest or most scenic route for family vacations, business trips, or other U.S. road travel.

Satcomm-64*Strategic Marketing Resources*
1541 disk drive
15.95

Amateur radio operators can use this program to track amateur radio communications satellites. It provides satellite information at user-definable time intervals of one minute or more and

can store data on as many as 15 satellites. *Satcomm-64* features a master menu with 12 options and a satellite menu that can be changed. The program can confirm W1AW Reference Orbits, automatically switch over from standard to daylight savings time, and handle the annual roll-over period during which Keplerian elements have not been updated. Reports can be sent to the screen or printed out and include relative azimuth and elevation, altitude, local time, UTC day, Doppler shift, orbit number, operating frequencies, a report for any given day of the access time for three satellites, and a report of up to 31 days of access time for a satellite.

Tennis Chart*Cormar Industries*
34.95

Tennis players can use this program to plan strategy and practices, keep a record of game performance, or scout out opponents. The program records all strokes, directions, and spins.

HOME MANAGEMENT

For further information, circle Reader Service Number 222.

Check Tracker*Chipmunk*
19.95

Check Tracker can help home and small-business users keep track of activity in their bank accounts—checks, deposits, savings, electronic transfers, and transactions made through automatic teller machines. The program can support double-entry records, justify the accounts at the end of the month, print hardcopies, and store each month's activity on disk.

DiskWill*Self-Help Legal Services*
39.95

Nonlawyers can create their own wills with *DiskWill*. This program has provisions for appointing executors, paying debts, distributing gifts and property, appointing guardians, naming beneficiaries, and other directives normally found in a will. Information is entered

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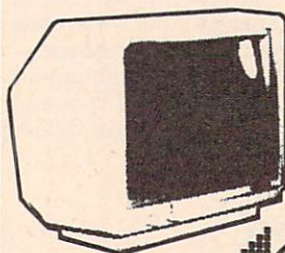
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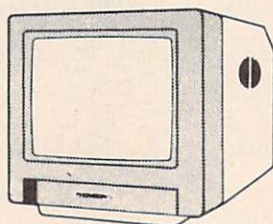
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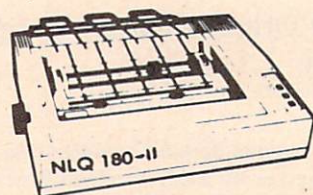


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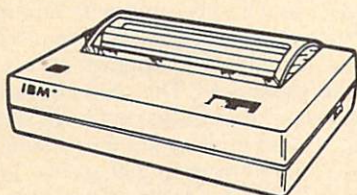
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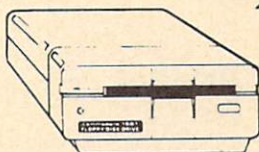


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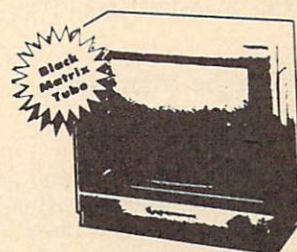
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Super 81
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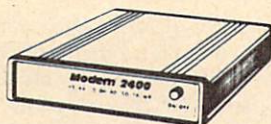
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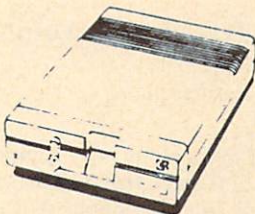
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- Stores Dialed Numbers
- Separate Line and Set Connectors
- Uses RS-232C Interface (Cable Required)

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1541-II Disk Drive



1541/1571
Drive Alignment
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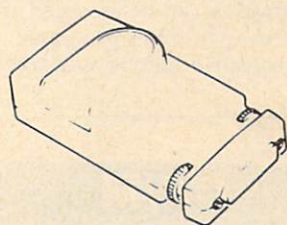


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by responding to questions, and the entries are merged with the legal text. Wills can be printed and revised as needed. *DiskWill* can be used in any state except Louisiana. It is menu-driven and includes an instruction guide.

Home Finance Manager

Cardinal Software
49.95

This home-financial-management program can store over 200 transactions per month in 60 financial-management items. Data can be displayed in graph form or printed out in reports such as the annual report.

J. K. Lasser's Your Money Manager

Simon and Schuster
19.95

A home-accounting and small-business tool, this package includes a check writer, financial statements, graphing capabilities, balance sheets, and budget reports. It features transaction windows for entering financial information and transactions. The reports can be displayed onscreen or printed. The program contains a pop-up, four-function calculator; calculations are automatic. Tax information can be recorded and then exported to other programs. Context-sensitive help is available online.

CP/M

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Yours, Mine and Ours

Xytec
49.95

Yours, Mine and Ours is an accounting system for people who share a home but not a bank account. It helps keep track of income, shared expenses, single expenses, and money spent on behalf of other parties. It can support eight users, with up to 255 categories and 1000 transactions per month, check printing, monthly and year-to-date reports, graphics, and checkbook or credit card reconciliation. Passwords and encryption can be used for privacy.

RECIPE FILERS

For further information, circle
Reader Service Number 223.

Great Chefs of PBS, Volumes I, II, and III

Concept Development
24.95 each

This set of disks is the only complete collection of Great Chefs recipes and cooking tips from the public television series. The programs include cooking directions and wine recommendations for each dish. There are over 825 entries from more than 100 chefs. Each volume is sold separately for \$24.95, or all three volumes are available for \$65.00.

Micro Kitchen Companion

Concept Development
39.95

Micro Kitchen Companion is a database manager that can be used with any of the Micro Kitchen series of recipe disks as well as individual clippings of recipes and cookbooks. The program can print custom cookbooks, organize shopping lists, aid in planning meals, and resize recipes for up to 999 guests. The package includes a recipe disk and a coupon for another free cooking disk.

Micro Wine Companion

Concept Development
49.95

Wine collectors can use the *Micro Wine Companion* to manage a wine cellar, or wine students can use it as a guide. It offers advice on selecting the right wine for any occasion. The program includes a database of more than 150 wine reviews plus a coupon for another free disk from the collection.

Mr. Boston's Official Micro Bartender's Guide

Concept Development
29.95

Mr. Boston's Official Micro Bartender's Guide is the computer version of the bartender's guide which has sold 12 million copies. With this program, drink mixers can choose a drink based on 21 combinations of ingredients, mood, personal taste, season, and more. Drink recipes can be resized for up to 999 guests. The program can also print out drink recipes and shopping lists. An abridged version containing 200 recipes is available for \$14.95.

World of Wines Collectors' Series

Concept Development
14.95 each

Each title in this series can be used alone or with the *Micro Wine Companion*, also from Concept Development. Titles include *Award Winning Wines*, *Classic Companions*, *Great Vintage Years*, *Bordeaux*, *Germany*, *Australia*, *Chardonnay*, and *Champagnes*. The databases contain information on the wines such as region, type of grape, flavor, and how to pick the correct wine for an occasion. The titles are sold separately for \$14.95 each.

HOME

RELIGIOUS PROGRAMS

For further information, circle
Reader Service Number 224.

Landmark 2.0: The Computer Reference Bible

P.A.V.Y. Software
Commodore 64 or 128
164.95

Landmark contains the King James Version of the Bible on 24 double-sided disks and a 3300-word concordance on six double-sided disks. With this program, the user can search for words or phrases up to 24 characters in length and create a personal reference file. Notes can be added to the text files, and a file converter can convert the files to ASCII. Users can create their own Bible with outlines and reference notes and save it to disk or print it out. The program is written in machine language and accepts keyboard or joystick control. A user's manual, registration card, and 120-day guarantee are included. Version 1.1 for the 64 and version 2.0 for the 128 are included in the same package. Owners may also receive a newsletter with tips and suggestions on using the program.

Moses: The Old Testament #1

First Row Software Publishing
29.95

In this action game, players follow Moses as he becomes a prophet of God and leads the children of Israel from Egypt to the Promised Land. The stories of the Old Testament are presented in a historically accurate format as adventures full of puzzles and trials. For all ages.

Sunday School Master Writer

UHL Research Associates
99.95

Sunday School Master Writer is a database designed to manage records for church Sunday Schools. It can hold records for 800 people on one disk. A master file contains personal data on each member while a separate attend/visit file keeps track of attendance and visitation. Records can be changed, updated, sorted, and printed out.

Wordworker

SOGWAP Software
Commodore 128
19.95

The Wordworker contains the complete King James Version of the New Testament. It includes upper- and lowercase text, italics, and punctuation. The program is supplied on two 1541 floppy disks, but 1571 and 1581 disks are also available. The package includes versions for both the 64 and the 128.

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BUSINESS APPLICATIONS

For further information, circle
Reader Service Number 225.

Baron

Blue Chip Software
Distributed by Britannica Software
29.95

Players begin this real-estate simulation with \$35,000 and can build it to \$1 million in five years. The program can help users learn to invest in residential, commercial, and undeveloped properties. Realistic events such as economic swings, bank failures, and natural disasters can affect the investments. Investors are charged escrow fees, commissions, and taxes as part of the game. Other features cover second mortgages, options, and property appreciation.

Microbroker

Cardinal Software
19.95

Up to six investors can each buy and sell commodities, receive dividends, and make loans in an attempt to make more money than the other investors. This program is designed to simulate trading on the stock market.

Millionaire

Blue Chip Software
Distributed by Britannica Software
29.95

Millionaire is a stock-market simulation in which the players begin with \$10,000 and try to turn it into \$1 million. Players have 77 simulated weeks to trade stocks from blue-chip companies. This game helps show how stock prices are affected by world conditions and events, and it explains terms such as *puts*, *calls*, *margins*, and *net worth*. For ages 12 and older.

Tycoon

Blue Chip Software
Distributed by Britannica Software
29.95

Users can practice trading on the commodities market in soybeans, wheat, coffee, lumber, gold, silver, and more without risking any money. This market simulation takes into account seasonal changes, unusual weather conditions,

and other world events, and charges the player brokerage fees and taxes as a real-stock broker might. The program can help investors learn the terms and strategies of the commodities market.

DATABASE MANAGERS

For further information, circle
Reader Service Number 226.

Address Tracker

Chipmunk
19.95

Up to 1220 names and addresses can be stored on one disk with this program. The program can print labels, sort any field, and search more than one field. It can be used with *Speed-Script Utilizer* to merge text with the names. Instructions are on the screen.

Bank Street Filer

Broderbund
29.95

Bank Street Filer is a database manager that can be used at home, school, or work to store data and print reports. It is compatible with *Bank Street Writer*.

Bank Street Mailer

Broderbund
24.95

Bank Street Mailer can be used to insert names, addresses, salutations, and closings into form letters created with its own built-in letter writer or documents from *Bank Street Writer* and *Filer*. Names and addresses can be sorted by any field and printed on envelopes and labels.

BetterWorking: Filepro 64

Spinnaker
29.95

This data-management program for home and small-business use can store up to 4000 records per file. Files can be searched and sorted with up to 20 different variables. With the report generator, reports can be designed and added to documents produced by *Word-Pro*. Form letters and mailing labels can also be printed.

Data Manager 128

Timeworks
Commodore 128
49.95

Data Manager 128 can store, retrieve, and print general information data. X-SEARCH cross-searches categories of information while X-SORT can sort the fields in alphabetical, numerical, increasing, decreasing, or chronological order. Data can be displayed in graphics form or printed out in customized reports. A spreadsheet feature can calculate numerical data from column to column and field to field. Name and address files can be printed to standard mailing labels. The program uses pull-down menus and offers password protection. It operates in 80-column mode and a manual is provided. *Data Manager 128* can be used with *Word Writer 128* and *SwiftCalc 128*.

Data Manager 2

Timeworks
19.95

A data-management program for the Commodore 64, *Data Manager 2* uses X-SEARCH to cross-search categories and X-SORT to sort categories numerically, alphabetically, chronologically, or in increasing or decreasing order. The X-CHART feature displays the data in graphs, and a data-transfer utility allows data to be moved from one file to another. This menu-driven program can calculate numerical data from column to column and field to field, analyze the data, and generate customized reports. Name and address files can be printed onto standard mailing labels. *Data Manager* can be used with *Word Writer 3* and *SwiftCalc*.

Datamat-64

Abacus
39.95

Datamat-64 is a free-form database that can be individually designed using the full-screen editor. It can define up to 50 fields per record and store up to 200 records per disk. The program offers report capabilities, sorting on multiple fields, record selecting, and printer support.

Easy Working: The Filer

Spinnaker
9.95

The *Filer* is a data-management program to help keep track of mailing lists, inventories, club memberships, and other banks of information. Each file can hold 10,000 records. Fields can be searched and selected, and information can be printed in report form or as mailing labels.

File Manager

Aspen Glen Software
Mutual Fund Prospector
29.95

With this program, data can be added to the beginning of *Mutual Fund Prospector* data files to increase the span of time for trend analysis. Price data can be added randomly and then sorted by date. Data files can also be printed in a spreadsheetlike format.

File 128

Byte Power
Commodore 128 in 80-column mode
29.95

File 128 is a menu-driven database program for the 128. Fields can hold up to 80 characters, and field data accepts up to 160 characters. About 64K is available for the data, and a memory-free indicator shows how much memory is left. Files can be printed. Upgrades are available to registered users for \$5.

File Organizer

Cardinal Software
19.95

This menu-driven database-management program accepts up to ten items for each record. Records can be searched, sorted, updated, and printed. The create-a-report-writer option allows the user to print the reports in a variety of formats.

Flex File 128 Database

Cardinal Software
Commodore 128
49.95

This database-management program for the 128 uses an 80-column display and can handle over 7000 records. The data

can be sorted, searched, and printed on labels or in report format or merged with word processors. A 95-page manual is included.

Flex File 2.1

Cardinal Software
49.95

This database program stores up to 20 fields per record, and field sizes are flexible. Each record can hold up to 254 characters, and records can be searched by field comparison, record range, code combinations, and multiple criteria. The program allows nested sorts up to five deep. *Flex File 2.1* can be used with *WordPro*, *PaperClip*, *Easy Script*, and *Page Mate*.

Quick File'em

Chipmunk
9.95

This memory-based filing program can help with small to medium filing tasks, search the files, and print address labels. It can also be used with *SpeedScript Utilizer* to merge text with the files.

Superbase

Progressive Peripherals and Software
versions available for Commodore 64 and 128
69.95

Superbase is a programmable database to use to create customized applications. It can store data for a variety of areas including payables, receivables, inventory, membership lists, and name and address files. The *Superbase* commands can be linked together and combined with BASIC commands. The program is memory-resident and can link with word processors. Searches can handle up to 127 fields, and up to 34 fields can be sorted. Fields can be added and edited. Utilities include a program writer for creating reports, a label-printing program, and a built-in backup utility. The 128 version can reside in memory with *SuperScript 128*. Both versions support most standard printer interfaces.

FINANCIAL MANAGEMENT

For further information, circle
Reader Service Number 227.

BetterWorking Spreadsheet

Spinnaker
printer
29.95

Spreadsheet can be used for planning budgets, preparing financial statements, creating text, and organizing information. It supports 250 rows by 100 columns, with more than 30 mathematical functions. Separate spreadsheets can be consolidated, and data can be displayed in graphic format. The program offers onscreen help, 40- or 80-column capability, and basic word processing and database functions.

Easy Working: The Planner

Spinnaker
9.95

The Planner is a spreadsheet for budgets, tax calculations, expense reports, gas mileage, financial statements, and other applications. It offers 50,000 cell locations with mathematical calculations. Editing functions include insert, delete, copy, and move. Data can be exchanged with other spreadsheets through the industry-standard DIF file format.

Finance and Statistics: Multi-Program Disk #6

Cardinal Software
19.95

This disk contains five financial and statistical programs. *Financial Calculator* calculates interest rates, principal on a loan, payments, future values, and mortgage amortizations. *Statistics* helps determine mean, variance, deviation, and distributions. *Linear, Nth-order, geometric, and exponential regressions* can be calculated with *Regression Analysis*. *Linear Programming* uses the Simplex method to solve linear programming problems, and the *Odds Calculator* uses combinations or permutations to determine odds.

Moving Average Explorer

Aspen Glen Software
Mutual Fund Prospector
39.95

With this program, investors can determine the number of weeks to use for the moving-average calculations for the funds they are tracking on the *Mutual Fund Prospector*.

Personal Portfolio Manager 64

Abacus
disk drive, modem
39.95

Investors can use this portfolio management and analysis system to manage stock portfolios, obtain quotes and news, and analyze securities. *Personal Portfolio Manager 64* can record dividends and interest, reconcile brokerage accounts, and store up to 1000 transactions on a disk. The autorun feature can automatically log on, update quotes, and log off using the Warner Computer System. A variety of reports can be printed using the report generator. A modem is required for accessing online data; compatible modems include the Commodore 1600, 1650, or 1660; Westridge; and Telelearning and compatible modems.

Personal Portfolio Manager 128

Abacus
Commodore 128, disk drive, modem
59.95

Personal Portfolio Manager is a portfolio management and analysis system that investors can use to manage stock portfolios, obtain quotes and news, and analyze securities. The program can record dividends and interest, reconcile brokerage accounts, and store up to 1000 transactions on a disk. The autorun feature can automatically log on, update quotes, and log off using the Warner Computer System. A variety of reports can be printed using the report generator. A modem is required for accessing online data; compatible modems include the Commodore 1600, 1650, or 1660; Westridge; and Telelearning and compatible modems.

PowerPlan

Abacus
39.95

This spreadsheet program supports up to 255 rows by 63 columns for a total of 16,065 protected cells. It features math functions, a calculation mode, disk commands, and built-in graphics to display data in graph format. There are eight windows for viewing bar charts, curve graphs, point charts, pie charts, or min/max charts in two or three dimensions. *PowerPlan* is menu-driven and provides help screens. A 200-page manual is included.

Securities Analyst-128

Free Spirit
Commodore 128
39.95

Stock data can be entered into the program, saved to disk, and printed to a dot-matrix or 1520 printer. Text information can be displayed on the 80-column monitor while charts and graphs are displayed at the same time on the 40-column monitor. Stock analysis includes P/E ratios, coefficient of variability, beta factor, and percentage gains. Available charts include weekly performance, moving average, and accumulation and distribution. Data on the performance of 16 stocks is on the disk, and there is a mini word processor for keeping notes. The package includes a disk, an instruction manual, and a booklet which describes investment strategies and terms. The disk is not copy-protected.

The Strategist

Strategy Software
Commodore 128, 1541 or 1571 disk drive
29.95

The Strategist is a market-timing program that helps stock investors choose which investment strategy to use. It makes simulated trades based on a historical quote file and a strategy specified by the investor. The program then goes through the historical file and varies the strategies to find the greatest payoff. *The Strategist* employs a high/low trading system with persistence checks and exponential moving average of quote-to-quote volatility. The program runs in compiled BASIC and offers a 90-day money-back guarantee. The package includes an 80-page manual.

Survey-Master

Strategic Marketing Resources
29.95

Survey-Master is an applications program to help interpret and report information from surveys and market research. It can be used to calculate the standard error, two-sided T-value, and the confidence interval based on the number and percentage of respondents. The program also summarizes the results and provides quantitative answers. Reports can be printed.

SwiftCalc

Timeworks
19.95

Designed for the Commodore 64 in 40-column mode, this spreadsheet program can perform mathematical functions to a maximum of 12 digits and apply algebraic formulas. The spreadsheet contains 250 rows and 104 columns for more than 25,000 cells. Spreadsheet functions include search and replace, move, copy, go to, scrolling, automatic cursor advance, reset, disk cataloging, and three formats. A sideways option allows the spreadsheet to be printed vertically on continuous printer paper, and help screens provide assistance in using the program. *SwiftCalc* can be used with *Word Writer 3*, *Data Manager*, and *Data Manager 2*.

SwiftCalc 128

Timeworks
Commodore 128
49.95

This spreadsheet program for the Commodore 128 supports 250 rows and 250 columns, for a total of 62,500 cells. It features pull-down menus, onscreen help, quick data entry, search and replace, insert, delete, five formats, an automatic cursor, a browse mode, a freeze mode, and a locking option so certain cells cannot be changed. The program applies mathematical functions and algebraic formulas for quick calculations, and performs financial analysis on constant amounts. Data can be displayed in graph form, and a sideways option allows the spreadsheet to be printed vertically on a continuous sheet of computer paper. *SwiftCalc 128* works in 80-column mode and can be used with *Word Writer 128* and *Data Manager 128*.

Technical Analysis System 64 (TAS-64)

*Abacus
modem*
39.95

TAS-64 is a charting and analysis package that stock-market investors can use to automatically update a portfolio through Dow Jones News/Retrieval Service or Warner Computer Service and then draw a variety of charts and graphs showing the market trends. The program can track seven moving averages, five volume indicators, least squares, trading band, and comparison and relative charts. Data can also be entered or edited manually. Up to ten stocks can be tracked for 300 trading days on one disk. A modem is required to capture online data; compatible modems include the Commodore 1600, 1650, or 1660; Westridge; and Tele-learning and compatible modems.

Technical Analysis System 128 (TAS-128)

*Abacus
Commodore 128, modem*
59.95

TAS-128 is a charting and analysis package for stock-market investors. Investors can use the program to automatically update a portfolio through Dow Jones News/Retrieval Service or Warner Computer Service and then draw a variety of charts and graphs showing the market trends. The program can track seven moving averages, five volume indicators, least squares, trading band, and comparison and relative charts. Data can also be entered or edited manually. Up to ten stocks can be tracked for 300 trading days on one disk. The 128 version features macros, an automatic log-on, and quick-draw charts using 1-4 windows.

Xper-64

Abacus
39.95

Xper-64 is an expert system that helps the user make decisions. Information is loaded into the database, and then the program uses searching techniques to determine the decision-making criteria. The program offers reporting and data-maintenance capabilities.

INTEGRATED PROGRAMS

**For further information, circle
Reader Service Number 228.**

Better Working WordPro 128

*Spinnaker
Commodore 128, disk drive*
39.95

The WordPro 128 package contains the word processor and *File Pro 128*, a database manager. The word processor supports full text editing and formatting functions such as margin set, indent, tabbing, centering, highlighting, underlining, double columns, word-wrap, and search and replace. There is a 100,000-word spelling checker, and both programs can print to more than 100 printers. The database manager can store up to 4000 records per file and search and sort up to 20 variables. Form letters can be merged with name-and-address files to print letters and labels.

BetterWorking: Business Form Shop

*Spinnaker
disk drive, printer*
39.95

Custom business forms can be designed with *Business Form Shop*. First, the user creates a template with the full-page editor; the form can be 100 pages long. Constant values and mathematical functions can be added to the template and then saved. Information can then be added to the form, which automatically performs the calculations. The program includes ready-made templates for invoices, shipping labels, file cards, expense reports, and purchase orders. It supports 80-column mode and most printers.

TISAR 128 V2.2

*CW Data-Labs
Commodore 128, 1571 disk drive,
80-column monitor*
89.95

Designed for small-business use, *TISAR 128* contains a database, invoicing system, and inventory-control module. It can be used to keep track of customer records, point-of-entry invoices, reports, and sales totals. Each disk can hold 500 customer records, and the invoices can be stored to disk, displayed on the

screen, or printed out with a customized company heading. Two invoices can be stored for each record. The inventory control module, *TISAR ICM*, can handle up to 1000 current stock items including the location, quantity, and reorder point. This menu-driven program supports field searches, cross-searches, full-screen editing, realtime updating, sales-tax computation, and mailing labels. The package also contains *CW Budget*, a personal and home-office budget system, and *CW Memo*, a memo writer and mini word processor. The programs are not copy-protected.

TRIO

*Softsync Software
disk drive*
29.95

TRIO is an integrated package containing a word processor, a spreadsheet program, and a database on a single disk. Help windows provide instant on-screen instructions. Data can be exchanged and merged between programs.

Vizastar 128

*Progressive Peripherals and Software
Commodore 128*
89.95

Vizastar 128 is a spreadsheet, database, and graphics package. The spreadsheet supports 1000 rows X 64 columns with a memory capacity of 60K. Calculations are performed within the worksheet, and there are more than 30 formula functions. As many as nine windows can be opened at one time. Printing options include automatic page headings, footings, pause, and margin control. Each record in the database can hold 8000 characters; files can hold an unlimited number of records. The fields can use the spreadsheet contents and be included in formulas. Records can be extracted, calculated and printed in report format. The graphics program is used to create business graph with the figures from the worksheet. Simultaneous 2-D bar graphs can be drawn on the worksheet along with full-color, exploded pie charts. Full-color, 3-D skyscraper charts are also possible. Graphs can be printed.

WORD PROCESSORS

For further information, circle
Reader Service Number 229.

Bank Street Speller

Broderbund
Bank Street Writer
29.95

Bank Street Speller contains a dictionary with over 31,000 words to spell check documents created with *Bank Street Writer*. Additional words can be added to the dictionary, and wildcard searches can find questionable words.

Bank Street Writer

Broderbund
49.95

This word processor offers onscreen prompts, commands, and tutorials. It features copy, erase, move, and other editing features to create and edit documents from a letter to a term paper.

Bank Street Writer II or Original Versions

Scholastic
87.45

Bank Street Writer II is a word processor designed for the classroom. It allows users to write and edit in the same mode and to print draft and final copies. Onscreen windows display prompts, reminders, and program information. The program offers 16 formatting options, such as boldface, italics, and underscoring. For grades 4-8. Lab packs are available for \$131.20.

Better Working WordPro

Spinnaker
39.95

WordPro from the Better Working series by Spinnaker features a turbo load and save cartridge to speed disk access. It contains text editing and formatting commands such as margin set, indent, tabulate, center, highlight, underline, double columns, insert, delete, search and replace, word-wrap, headers, footers, and document chaining. A 100,000-word spelling checker is included, and the program supports more than 100 printers. Documents created with *WordPro* can be used with *FilePro 64*, also from Better Working.

Brainstorm 2.0

Country Road Software
Commodore 128, printer optional
21.95

Brainstorm 2.0 is made up of *BrainStorm 128*, an idea processor, and *BrainPower 128*, a word processor. The idea processor can be used to design outlines and written compositions such as speeches, short stories, and term papers. The word processor features word-wrap, search and replace, justify, block moves, auto-paging, file-merging, and headers and footers. An outline created with *BrainStorm* can also be loaded into the word processor. All documents can be printed.

Easy Working: The Writer

Spinnaker Software
9.95

With this full-featured word processor, writers can create letters and reports. The package includes a 100,000-word spell checker, disk management, chapter heads, footnotes, preview option, onscreen help, linked text, automatic page numbering, word-wrap, and editing functions such as insert, delete, cut, paste, and copy.

Fleet System 4

Professional Software
Commodore 128
79.95

This word processing package for the 128 contains all the features of its 64 counterpart, *Fleet System 2+*, plus context-sensitive help screens, RAM-expansion support, and support for four disk drives. *Fleet System 4's* spelling checker can check ten pages in less than 45 seconds.

Fleet System 2+

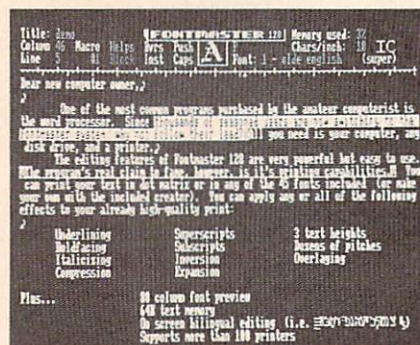
Professional Software
59.95

Fleet System 2+ includes a 90,000-word spelling checker, a built-in thesaurus, a database, and a word processor derived from *WordPro*. The word processor supports onscreen word-wrap, pop-up menus, text scratch pads, custom printer drivers, and multiple drives. It also has mail-merge capabilities. The spelling checker can check four pages in less than a minute, and 10,000 words can be added to the dictionary.

Fontmaster 128

Xetec
Commodore 128
69.95

This word processor contains a 102,000-word spelling checker, foreign language disk, font editor and creator, and more than 45 fonts including Russian, Greek, Hebrew, and Arabic. Word processing features include PRG file merge, four keyboard macros, headers, footers, page numbers in Roman or decimal type, underlining, highlighting, and help screens. Foreign languages can be edited from right to left, and fonts can be viewed on the screen before printing. The program works in 80-column mode and can print in four columns. Graphics and data can be merged into the text.



Fontmaster 128 contains more than 45 different text fonts and a font editor and creator.

Fontmaster II

Xetec
49.95

Fontmaster II for the Commodore 64 features 65 editing commands, 30 fonts, a font editor and creator, 80-column preview of text, headers, footers, page numbering in decimal or Roman type, underlining, proportional spacing, and an onscreen display. This word processor can read and write PRG and SEQ text files and can merge data with form letters. It also has the capability to edit right to left for foreign languages. A backup disk is included.

GEOS Writer 64

Timeworks
GEOS
39.95

GEOS Writer 64 is a word processing system that is compatible with GEOS

from Berkeley Softworks. It uses icons, dialog boxes, and windows for user control. Features include WYSIWYG preview mode, built-in special effects fonts, a mail-merge function, two-way printouts, automatic word-wrap, text cut and paste, search and replace, document chaining, help screens, and a 100,000-word spelling checker.

geoWrite Workshop 128

Berkeley Softworks
GEOS 128
69.95

This program contains all of the features of *geoWrite* 2.1 and GEOS 2.0 for the 64 plus support of the advanced features of the 128, including an 80-column display.

Kidsword

Kidsword Software
39.95

Kidsword is a large-character word processor designed for children and people who have trouble reading normal-sized characters on a computer screen. The program prints large and standard-size characters, and the character and background colors can be changed. The screen holds ten lines of large character text and two status lines. *Kidsword* will print to Commodore and other printers.

List Master

Xytec
29.95

List Master is a free-form outline processor that can be used to organize notes and ideas. The user can enter material and create, review, modify, print, save, and retrieve outlines and lists. The data is stored in a hierarchical or tree structure, and up to 500 lines can be stored in memory at one time. The program features single-keystroke commands, file chaining, and context-sensitive help screens; and it's compatible with most printers and hard drives. It is a companion product to *Menu Master*.

MasterType's Writer

Mindscape
29.95

This full-function word processor is designed to make it easier for students to write creatively. It features dual win-

dows so students can follow an outline, a database, correction commands, help screens, a tutorial, color highlighting, and multiple typefaces. For grades 3-12.

PaperClip III

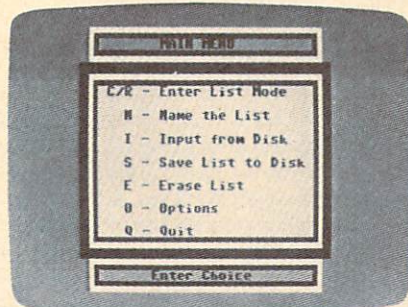
Batteries Included
Distributed by Electronic Arts
49.95

This third version of the *Batteries Included* word processor features editing tools such as Instant Phrases which allows users to save typing time by assigning commonly used phrases or words to a specific key. The column-editing feature allows users to move, delete, sort, and add columns of text. Formatting features include automatic generation of table of contents and a built-in outliner. *PaperClip III* also contains a 40,000 word expandable dictionary and a built-in telecommunications capabilities.

Pocket II

Digital Solutions
Versions available for Commodore 64 and 128
59.95

This word processor supports word-wrap, search and replace, mail merge, 40 and 80 columns, side scrolling, global formatting, and a variety of formatting codes. The display is WYSIWYG, and the program offers 15 printer files. Enhanced versions for the 64 and 128 are available on one disk for \$59.95.



List Master from Xytec is an outline processor that organizes ideas and notes into a logical format.

Speedkit

Upstart Publishing
SpeedScript 3.0 or higher
22.00

Speedkit is a collection of *SpeedScript* utilities that includes *Speedpak*, *Speedmate*, *WURDS*, and *Speedview*. *Speedpak* is an enhancer that adds six new commands, three printer codes, and eight 31-character macro-phrase keys to *SpeedScript*. It offers alternate screens for editing, cutting, copying, and pasting between documents. With *Speedpak*, sequential CBMASCII files can be loaded into the word processor to convert it to screen codes or back while in memory. Files can be encrypted and saved using a 32-character secret code. *Speedpak* also includes a help-screen installer with four sample help screens and an onscreen character-set installer. *Speedmate* is a customization package for *SpeedScript*. It features *Speedview*, an 80-column print previewing program with an escape-code trapping option to suppress the display of printer codes. *Speedmate* can also be used to set and save default codes for page length, spacing, continuous or single sheets, page numbers, page width, centering, printer codes, screen and letter colors, cursor speed, and a word-wrap toggle. *Wurds* is a 9000-word spelling checker dictionary. The words are entered in the order of their frequency of occurrence, and additional words can be added. *Speedkit* offers a 30-day money-back guarantee and is not copy-protected. *SpeedScript* and *SpeedCheck* are not included.

SpeedScript

COMPUTE! Publications
varies

SpeedScript is a word processor written in-house at *COMPUTE! Publications* and published as a type-in program in magazines and books. It allows users to write, edit, format, and print documents of all sizes, from letters to novels. Margins, page length, spacing, page numbers, headers, and footers can be changed or added to the document. Formatting features include pagination, underlining, and centering. Graphics can be added to the text, and the files can be linked to print one continuous document. This word processing program uses about 6K. It is available as a type-in program in book form for \$10.95, in a book-and-disk combination

for \$19.95, or (the latest version) on disk, with all of the *SpeedScript* utilities for \$11.95.

SpeedScript 128

COMPUTE! Publications
Commodore 128
11.95

SpeedScript 128 was originally published as a type-in program in *COMPUTE!'s Gazette*. It is now available on *COMPUTE!'s SpeedScript Disk* along with *SpeedCheck 128*, a spelling checker that can be used to build a customized dictionary. *SpeedScript 128* has all the features of *SpeedScript*, plus it works in 80-column mode.

SpeedScript Utilizer

Chipmunk
SpeedScript
9.95

SpeedScript Utilizer (SPU) enables users to automatically print multiple copies of a *SpeedScript* text, merge a data file into the text, and merge lines into the text. There's also a sort routine. The program may be used with other word processors that print a sequential file to disk.

Superscript

Progressive Peripherals and Software
Versions available for Commodore 64 and 128
49.95 (Commodore 64)
59.95 (Commodore 128)

Superscript is a full-featured word processor for the Commodore 64 and 128. It includes a spelling checker, screen-calculation capabilities, macro features, and a printer file that supports an assortment of printers. Documents can be merged with data files created by *Superbase*, a database, and the 128 version of *Superscript* can reside in memory with *Superbase*.

Textomat-64

Abacus
29.95

Textomat-64 supports form letters, document chaining, block operations, and printer setups. It allows 80-column lines with horizontal scrolling. Documents with up to 24,000 characters can be stored in memory, and longer documents can be created through chaining.

Onscreen commands include editing, formatting, merging, and utilities.

Thinking Cap

Broderbund
34.95

Writers can use *Thinking Cap* to organize notes and ideas into a logical, coherent manner, such as an outline format. Text can be edited without having to access a word processor.

VizaWrite Classic

Progressive Peripherals and Software
Commodore 128
89.95

A full-featured word processor for the 128, *VizaWrite Classic* contains editing and formatting options such as justification, indentation, boldface, underline, search and replace, super- and subscript, and newspaper-style columns. Text is highlighted for editing, and commands are displayed on the screen. Frequently used words can be added to the built-in spelling checker, and the glossary can be used to merge words into the text. *VizaWrite Classic* can merge name-and-address lists from any sequential file created by a database with documents. Numbers from the built-in calculator can also be added to the text. A printer profile system allows control of any RS-232 or parallel printer. The program can print near-letter-quality fonts on dot-matrix printers.

Word Writer 128

Timeworks
Commodore 128, 80-column display
49.95

Word Writer for the 128 offers a built-in 90,000-word spelling checker, a thesaurus with over 60,000 synonyms, an outliner to organize notes, a full-function calculator, and print-preview mode to display the document as it will print out. Word processing features include insert, delete, search and replace, move or copy, word-wrap, indent, tabbing, automatic page numbering, document chaining, headers, footers, superscript, subscript, scrolling, and disk cataloging. Over 1000 words can be added to the dictionary while the program is being used, and text can be highlighted on the screen for underline, bold, or italics. This program can also be used with *Data Manager 128*, *Swift-*

calc 128, and other Sylvia Porter Series programs as well as GEOS.

Word Writer 3

Timeworks
39.95

This word processor for the Commodore 64 contains an 85,000-word spelling checker, a thesaurus with over 60,000 synonyms, an outline processor, and an 80-column print preview mode that displays the document in 80-column format before it is printed. The menu-driven program features move and copy, insert, search and replace, automatic page numbering, document chaining, page skip, word-wrap, scrolling, color control, merging, centering, and a multi-function calculator. Text can be printed with underline, boldface, italics, superscript, and subscript. *Word Writer 3* is GEOS-compatible and can be used with *Data Manager 2* or *Swiftcalc*. The program operates in 40-column mode.

Write Now!

Supra
29.95

Write Now! is a disk-based word processor that allows users to prepare edited and printed documents. Features include a built-in 80-column display, special printer codes, page numbering, full-string search and replace, page footers and headers, justification and centering, and block copy and delete.

The WriteStuff

Busy Bee
19.00

In addition to the standard word processing features, *The WriteStuff* also includes a 21-function calculator, a decimal tab for aligning numbers, 60 help screens that can be customized; online disk documentation; double-column printing; sorting, merging, and appending of text files; an 80-column preview screen; 24 online tutorials; and an online clock. Typists can toggle between a Dvorak and a QWERTY keyboard. More than 100 macros with one or two characters can be defined to substitute for words and phrases with as many as 250 characters. A file translator can be used to convert documents to formats for 15 other word processors. A version with speech capabilities is available for \$24.

EDUCATION

PRESCHOOL

For further information, circle
Reader Service Number 230.

ABC's with the Tink Tonks

Thunder Mountain
Distributed by Mindscape
9.95

Children from ages 4 to 8 can learn alphabet order and become familiar with the computer keyboard with the five educational activities contained within this program.

Alpha Charlie

Chipmunk
6.95

Children ages 2-5 can practice their ABC's with this musical program. When the letter appears on the screen, the child must press the corresponding letter on the keyboard. A correct answer elicits a musical sound while wrong answers get a raspberry sound and another chance.

Aqua Circus

Hearsay
Hearsay 1000
29.95

Designed to be used with the voice-interactive Hearsay 1000, *Aqua Circus* helps children ages 2-5 learn shapes, colors, numbers, and counting. Aqua the clown leads the lessons in a classroom setting.

Being a Smart Thinker with the Tink Tonks

Thunder Mountain
Distributed by Mindscape
9.95

Five multilevel activities help children improve concentration, memory, and visual discrimination skills. For ages 4-8.

Count and Add with the Tink Tonks

Thunder Mountain
Distributed by Mindscape
9.95

Basic math concepts, counting practice, and simple math addition problems are taught in this program for ages 4-8.

Counting Parade

Spinnaker Software
Joystick
6.95

Preschoolers can practice elementary number skills in this nonverbal counting game. This program deals with numbers up to 9.

Develop Thinking Skills with the Tink Tonks

Thunder Mountain
Distributed by Mindscape
9.95

This program contains five educational activities designed to help preschoolers increase their memory skills.

Dinosaurs

Advanced Ideas
34.95

This program is designed using Montessori principles. Two matching and sorting games introduce the computer to young users. Because *Dinosaurs* uses positive reinforcement, no child ever loses. Three other games are designed to help children begin their school years with a happy attitude towards learning. The program helps set the groundwork for reading, math, and memory skills. Designed for children ages 2½-5.



Dinosaurs from Advanced Ideas includes two matching games to help preschoolers learn about the computer.

Early Games for Young Children

Springboard
34.95

Nine games help children 2½-6 years old learn a variety of skills, such as

adding and subtracting numbers, drawing, typing with the computer, saying the alphabet, and spelling their names. A picture menu helps children run the program so no adult supervision is required.

Early Learning Friends

Spinnaker Software
joystick
6.95

Alf, Robo-Bird, and Freezy, help preschoolers learn concepts such as shapes, patterns, routing, and planning.

Easy as ABC

Springboard
39.95

Color graphics and animation help children learn the alphabet, including sequence and upper- and lowercase. There are five games—Match Letters, Dot to Dot, Leapfrog, Lunar Letters, and Honey Hunt—accessed by a picture menu.

Electric Crayon—ABC's

Polarware
14.95

This computer coloring book teaches children the alphabet. Pictures can be printed in either color or black-and-white, and a calendar can also be printed with the picture.

Electric Crayon—Dinosaurs Are Forever

Polarware
29.95

Pictures of dinosaurs can be colored by children in this computer coloring book. The pictures can be printed in either color or black-and-white along with a description of each dinosaur and a calendar for any month. The program also has banner-making capabilities.

Electric Crayon—Fun on the Farm

Polarware
14.95

Children can color farm scenes in this computer coloring book. Pictures can be printed in either color or black-and-white. Users can also print any month's calendar with the picture.

Electric Crayon—Holidays and Seasons

Polarware
29.95

Children can color pictures representing the four seasons and holidays and print the pictures in either color or black-and-white. A description of the holiday's origins can be printed as well as any month's calendar. The program also has banner-making capabilities.

Electric Crayon—This Land Is Your Land

Polarware
14.95

Famous scenes from throughout the United States can be colored using this computer coloring book. Pictures can be printed in either color or black-and-white. Any month's calendar can be printed with the picture.

The Flying Carpet

Learning Technologies
14.95

A high-flying genie has created a boat and other objects using triangles, squares, rectangles, and other shapes. Students must determine what shapes make up an object. The program is designed to develop shape recognition, matching one-to-one correspondence, counting, size relationships, and figure-ground relationships.

Fun with Facts I

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* features subjects called Number Knowledge and Mystery Words. Designed for ages 4-7.

Hodge Podge

Artworx
14.95

Cartoons, animation, and songs help children ages 18 months to six years learn about magnets, numbers, musical notes, animals, and more. An adult can help teach the concepts to the children, or the children can play with the pictures, color, and sound from the program.

Kid's Stuff

Stone and Associates
39.95

Kid's Stuff, for children ages 2-6 helps youngsters practice their letter, counting, and vocabulary skills. The program uses a pictorial menu, and the level of difficulty can be adjusted.

Letter-Go-Round

Hi Tech Expressions
9.99

Sesame Street muppets Grover, Barkley, and the Cookie Monster help children learn the alphabet and how to spell simple words. Three game levels help the children progress to more challenging activities, and a two-speed Ferris wheel is used to attract and keep their attention.

Lion's Workshop

Learning Technologies
14.95

Students must help the lion match objects on a conveyor belt with the objects on its workbench. The program is designed to develop visual-discrimination skills, pattern recognition, and part-whole relationships.

Memory Master

Stone and Associates
39.95

Four games can help children improve their pattern and shape recognition, develop visual-memory skill, and expand their vocabulary. For ages 2-6.

Muppet Learning Keys with Muppets on Stage

Sunburst Communications
99.00

Muppet Learning Keys is a specially designed keyboard, featuring number and letter keys in sequential order, plus eight color keys. The package includes *Muppets on Stage*, a set of three programs that teach letter, number, picture, and color recognition. The package includes keyboard, one disk, backup, and teacher's guide.

My Letters, Numbers and Words

Stone and Associates
39.95

Graphics, animation, and sound effects help children ages 2-6 learn basic word concepts, the ABC's, and how to count from 1 to 10.

The Number Show

Free Spirit Software
Commodore 128
19.95

This four-part program is designed to help preschoolers learn counting and numeral-reading skills using the numbers 1-9. In *Twinkle, Twinkle*, the child must count the stars that appear in a campfire scene. A bouncing ball helps children learn to count in *Tennis Anyone?*. Two children jump and play in a pond in *Splash!*. And, in *Show Time*, the students try to count the passing fireflies.

Pre-Reading

MECC
35.00

Young children who cannot read can learn to recognize upper- and lowercase letters and the initial sounds of simple words. Caterpillars, trains, and other graphics help the children exercise their memory skills in matching games.

Sesame Street Crayon

Polarware
14.95 each

Sesame Street Crayon is a series of computer coloring books for children. Each issue contains dozens of pictures that can be colored over and over. The users can point and click to choose the color, point to the area to color, and then click to fill the area with color. The pictures can also be printed out with a printer and then colored by hand. Titles include *Letters for You*, *Numbers Count*, and *Opposites Attract*. Characters from *Sesame Street* are featured. Each title is sold separately for \$14.95.

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Sesame Street Learning Library, Volumes 1 and 2

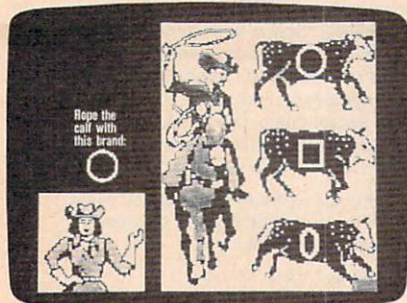
Hi Tech Expressions
29.95 each

Each volume of the *Sesame Street Learning Library* contains three programs that use Sesame Street characters to help preschoolers learn basic principles. Volume 1 includes *Ernie's Magic Shapes*, a shape- and color-matching game; *Big Bird's Special Delivery*, a game of object recognition and classification; and *Astro-Grover*, a number game concentrating on counting, adding, and subtracting. Volume 2 offers *Ernie's Big Splash*, an animated maze builder; *Grover's Animal Adventures*, an animated animal-environment activity; and *Pals Around Town*, a know-the-neighborhood activity. A 16-page guide is included in each package. Each volume is sold separately for \$29.95. Each title is also available separately for \$9.95.

Shape and Color Rodeo

DLM
32.95

Young students can practice eye-hand coordination and shape and color recognition with this program. The six games increase in difficulty and deal with a special skill. Game titles include Color Mix and Match 1, Color Mix and Match 2, Rope Trick, Shape Roundup, Cowhand Brand, and Rodeo Flags.



In *Shape and Color Rodeo* from DLM, children practice matching shapes and colors in six rodeo games.

Spelling with the Tink Tonks

Thunder Mountain
Distributed by Mindscape
9.95

Children ages 4-8 can strengthen their visual-discrimination skills, practice

spelling, and build vocabulary with this program.

Stickybear ABC

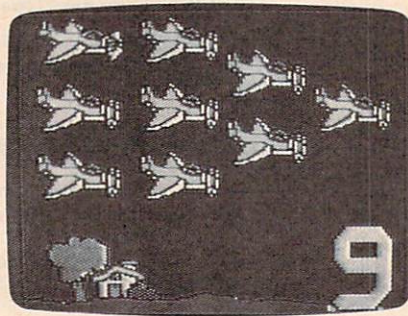
Weekly Reader Family Software
29.95

Children can learn their ABC's and become familiar with computers with this animated program. Two color pictures and sound define each letter of the alphabet. Younger children can recognize and name letters while older children can begin to recognize words on sight. For ages 3-6.

Stickybear Numbers

Weekly Reader Family Software
29.95

Children ages 3-6 can learn to count using the groups of trucks, ducks, planes, and more in *Stickybear Numbers*. There are more than 250 possible color-picture combinations to help reinforce number and counting skills. Youngsters can also learn about computers.



Large numbers and colorful graphics help preschool children learn to count in *Weekly Reader's Stickybear Numbers*.

Stickybear Opposites

Weekly Reader Family Software
29.95

Animated, color pictures of Stickybear on unicycles, in cars, in hot-air balloons, and other vehicles can help preschoolers learn about opposites and build reasoning skills. The program covers concepts such as up and down, full or empty, and in front or behind. For ages 3-6.

Stickybear Shapes

Weekly Reader Family Software
29.95

Three color games can help young learners identify circles, squares, triangles, rectangles, and diamonds. A color, animated picture appears on the screen after each correct answer. There are three different learning activities for children ages 3-6.

Subtraction with the Tink Tonks

Thunder Mountain
Distributed by Mindscape
9.95

Children can practice basic subtraction problems with this education program. For children ages 4-8.

Ten Little Robots

Unicorn Software
29.95

Five different games can help youngsters ages 2-5 learn to use a computer. Little Robot Story is an interactive nursery tale that introduces the concept of subtraction as well as helps children recognize words. With Count the Robots, the player must count the robots on the screen and enter that number. Players can match upper- and lower-case letters in Robot Letter Match. In Robot Addition, robots appear on the screen with the corresponding number to help children learn to count and add. Robot Sketch is a drawing game. A lab pack is available for \$89.95, and a teacher's edition is available for \$39.95.

Tink Tonk Series

Mindscape
50.00

A three-program series for kindergarten through fourth grade, Tink Tonk features color graphics and animation to help youngsters improve their learning skills. *Tink's Adventure* offers practice in using the keyboard and alphabet. Students can learn to distinguish shapes with *Tink in the Land of Buddy-Bots*, and *Tuk Goes to Town* provides six different spelling and vocabulary word activities with multiple levels of difficulty. Each title is also available separately for \$19.95.

Webster's Numbers

Britannica Software
9.95

Four different activities use graphics to help teach children ages 4-8 shape recognition, number recognition, counting skills, spatial relationships, and problem-solving strategies.

LANGUAGE ARTS

For further information, circle
Reader Service Number 231.

Adventure Master

Mindscape
joystick
34.95

Students can develop skills in problem solving and strategy by using this program to design and illustrate text adventure games. Three adventures are included. A lab pack is available for \$69.90.

Alphabet Circus

DLM
32.95

Six games—Alphabet Circus, Meet the Circus, Alphabet Parade, Secret Letter, Juggler, and Marquee Maker—help children learn letter recognition, alphabetical order, and how to create text. The games vary in difficulty, and some allow the children to add their own input. Scores can also be recorded.



Circus characters introduce students to letters, alphabetical order, and creating words in Alphabet Circus.

Bagasaurus

Hi Tech Expressions
12.99

Children can develop vocabulary skills as they make up stories about Baggy the dinosaur's adventures around the world. The program features 13 background scenes, 70 images, 50 story formats, 100 questions, and a 300-word dictionary of antonyms, synonyms, and multiple meanings. Part of the Electric Company series.

Bank Street StoryBook

Mindscape
joystick
29.95

This writing program can help students in grades 3-9 improve their creative writing and word processing skills. It can be used to write, illustrate, and animate original stories, and the compositions can be printed. The program contains a word and graphics processor so students can place text and graphics anywhere on the screen. The package includes the program disk, backup, teacher's manual, and user's manual.



Bank Street Storybook is a graphics and word processor to help students practice their creative writing skills.

Basic Spanish Grammar

Gessler Educational Software
39.95 each

Basic Spanish Grammar is a series of Spanish grammar lessons for levels I-III and reviews for levels IV and V. Each disk covers six grammar topics with up to 140 questions per topic. Subjects include articles, nouns, and adjectives; present tense and subjects; irregular present tense; affirmative and negative words and pronouns; and

verbs. Each set contains two disks and is available for \$39.95.

Bataille de Mots

Gessler Educational Software
49.95

Bataille de Mots is a five-part, two-disk program that teaches the French vocabulary of school, food, sports, travel, daily life, and occupations. The program includes a word display, multiple-choice and sentence-completion exercises, and a colorful arcade game.

Batalla de Palabras

Gessler Educational Software
49.95

This five-part, two-disk program helps explain the Spanish vocabulary of school, food, sports, travel, daily life, and occupations. It features a word display, multiple-choice and sentence-completion exercises, and a colorful arcade game.

Blackout! A Capitalization Game

Gamco Industries
44.95

When lightning flashes and all the lights in the city go out, the student becomes the chief electrician who must reconnect all the wires. A connection is made each time the student correctly capitalizes a word. There are six categories of capitalization—first word in a sentence, proper personal names, months and days of the week, holidays and special days, proper place names, and all the categories combined. A reward game and management system are included.



Words in sentences must be correctly capitalized to restore the lights to a major city in Blackout!.

Build a Book

Mindscape
printer
24.95

Each package includes two illustrated page sets of 32 pages each, two double oversized hard covers, binding materials, and a software disk to create personalized books. A student's name, address, pet, school, and friends can be added to *The Mystery of Scented Mountain* or *The Holiday Dragon* to create an individualized adventure story for that child. The package contains enough materials to make two books. For grades 1-5. A new selection packet is available for \$13.95.

Camsoft

Gessler Educational Software
79.95

This two-disk set contains 32 interactive programs for studying the German language. Topics include vocabulary, grammar, verb conjugations, and sentence structure.

Capitalization

Gamco Industries
44.95

Students are given three chances to correctly capitalize randomly generated sentences. After three errors, the correct sentence is displayed. Students can choose from five lessons—capitalization of the first word in a sentence and the pronoun *I*, proper personal names, months and days of the week, holidays and special days, and proper place names. A reward game and management system are included.

Cat-n-Mouse

Chipmunk
9.95

Cat-n-Mouse is an educational game to help elementary students learn to recognize and spell words. A robot pushes a picture onto the screen, and the user must correctly spell the word the picture represents. The program includes a list of 125 words of three to five letters each.

Chance It! A Game of Details

Gamco Industries
44.95

Chance It! is an educational game in the format of a two-player TV game show. Students are asked if they want to chance it. If they don't, they read a paragraph and answer a question concerning details. If they answer correctly, they get to place one of their markers on a colorful game board. If students decide to chance it, they are shown a randomly chosen message that may tell them to place a free marker, read a paragraph and answer the question on the details, lose a marker, or give the other player a free marker. The game ends when one player has five markers on the board. The program is designed to teach students to read for details. It is available in versions for third-to-fourth-grade or fifth-to-sixth-grade reading levels.

CLEF

Gessler Educational Software
19.95 each

CLEF is a series of Computer Learning Exercises for French designed for beginning and intermediate classes. Each of the 40 different lessons contains a review of the vocabulary or grammar point followed by a graded series of exercises. Each disk contains one lesson and costs \$19.95. Five disks are available for \$85.00, or all 40 disks can be purchased for \$599.00. Versions are also available for the Commodore PET.

Clue In on Phonics

Gamco Industries
44.95

Clue In on Phonics contains 15 sequenced lessons to help students learn basic phonics skills. It uses a Sherlock-Holmes theme to explain concepts such as identifying blends and digraphs, comparing and matching vowel sounds, silent *e*, and word families. Teachers can determine the number of questions in a lesson and turn the sound on or off. Up to 200 student names and records can be stored on disk. The program is available on both 5¼- and 3½-inch disks.

Commas

Gamco Industries
44.95

Students can practice using commas in addresses, dates, series, and compound sentences. Sentences are randomly generated, and students are given three chances to place the commas correctly. Students who score a certain percent may play the reward game. A record-management program is included for teachers.

Crossword Magic

Gessler Educational Software
59.95

Crossword Magic can be used to create crossword puzzles with foreign language vocabulary lists. It accepts words in any language and automatically formats them into a puzzle and stores the words. The puzzles can be printed or played on the screen.

Crypto Cube

DesignWare
Distributed by Britannica
9.95

Students can guess the letters behind boxes and the words on the sides of a rotating cube to improve their spelling skills. A puzzle generator allows additional puzzles to be created. For age 8 to adult.

Dash-It-All

Gessler Educational Software
49.95

Dash-It-All is a text reconstruction game for students studying English as a second language. It can be used to develop reading, spelling, and word-order skills. This cloze program contains an editor.

The Electric Company Learning Library

Hi Tech Expressions
29.99

The Electric Company Learning Library is a collection of three Electric Company programs—*Bagasaurus*, *Picture Place!*, and *Roll-A-Word*—that provide instruction and practice in basic reading and spelling skills. The package includes a learning guide with ideas for games

and projects. The programs are also sold separately.

End Punctuation

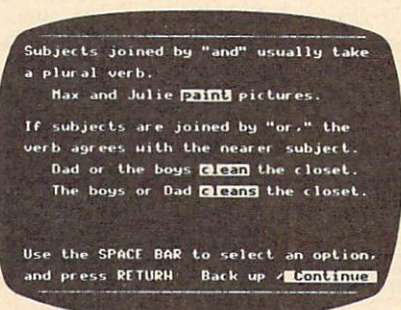
Gamco Industries
44.95

In *End Punctuation*, students must select the proper punctuation for a series of sentences. Lessons cover periods, question marks, and exclamation points and periods in abbreviations and initials. A review lesson is also provided. Students who successfully complete the lessons can play an arcade game. A management program helps teachers record up to 200 students' names and scores.

Essential Grammar

Gamco Industries
44.95

Essential Grammar uses a standardized achievement-test format in which students are asked which of three lines contains a grammatical error or no errors. Topics include common and proper nouns; verb tenses and verb agreement with subject; adjectives and adverbs; degrees of adjectives and adverbs; subjective, objective, reflexive, and possessive pronouns; and agreement with antecedents. The disk includes a program-management system and a reward game.



Essential Grammar drills students in grammar rules using a standardized-test format.

Essential Punctuation

Gamco Industries
44.95

In this punctuation drill, students are asked to identify the line in a series of three that contains a punctuation error, or select the fourth line which says *no*

error. Tested skills include end punctuation, periods in abbreviations and initials, commas, advanced commas, semicolons, colons, hyphens, apostrophes, and quotation marks. The disk includes a program-management system and a reward game.

Flash Spell Helicopter

Mindscape
39.95

Students in kindergarten through sixth grade gain time to play the helicopter game by correctly spelling words after they flash on the screen. Original word lists can be created, and the lists can be printed. A lab pack is available for \$79.90.

Foreign Language

American Educational Computer
59.95

The *Foreign Language* series is designed to supplement introductory foreign language courses. Each program contains vocabulary drills and exercises in using and understanding foreign words and phrases. Ten lessons can be added to each program. The series includes lessons for French, German, and Spanish. Individual programs can be purchased for \$19.95 each.

Foreign Language Q and A

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* features ready-to-use lessons in Spanish, French, and German. Designed for age 11 to adult.

Foreign Languages

Advanced Ideas
Master Match
19.95

This LearningWare package for the *Master Match* program features vocabulary and grammar lessons to help the user learn Spanish, French, German, and Japanese. Designed for age 11 to adult.

Foreign Language Words

Advanced Ideas
The Game Show
19.95

This LearningWare package for *The Game Show* features 46 lessons in Spanish, French, and German which help to develop vocabulary, word recognition, use of important adjectives and nouns, and recognition of foreign cultural attributes. Designed for age 11 and up.

French Micro Scrabble

Gessler Educational Software
39.95

Based on the board game, this program allows up to four people to play Scrabble in French. It contains a built-in 20,000-word dictionary. The program is also available in English.

FunBunch

Unicorn Software
29.95

FunBunch is available for three skill levels—elementary (grades 1–6), intermediate (junior high school), and college prep (high school through adult). Each version contains over 2000 words and phrases with their definitions. Custom word and phrase lists can be entered, and the lists can be printed with the printer option. A computer doodle program provides reward and entertainment when the lesson is finished. Each level is sold separately.

Getting Ready to Read and Add

Sunburst Communications
65.00

Primary students can try to identify and match shapes, upper- and lowercase letters, and numbers in this series of programs designed to teach shape discrimination and letter and number recognition. The program can be customized to individual or classroom needs by controlling the selection of numbers and letters. The program operates with either a regular keyboard or *Muppet Learning Keys*.

Gnees or Not Gnees

Sunburst Communications
65.00

Words such as "gnees" are used to label groups of shapes or designs that follow a secret rule. When shown two sets of shapes, "gnees" and "not gnees," students must determine the rule. In another lesson, the students are presented with four new shapes, and they must decide which are "gnees."

Grammar Examiner

DesignWare
Distributed by Britannica Software
29.95

The player starts out as a cub reporter and works his or her way up to editor-in-chief of a newspaper by editing the stories that are presented in the program. There are four game boards, and each one offers grammatical problems involving punctuation, capitalization, verb tenses, subject-verb agreement, adverbs, adjectives, and homonyms. Additional games can be created with new grammar problems or using facts from other subjects such as history or science. For age 10 through adult.

Hide 'n Sequence

Sunburst Communications
75.00 each

This language game helps students practice sequence skills in reading and writing. Three cartoonlike storytellers present students with a choice of three sentences. Students must pick the sentence most likely to come next in a text selection. Students can also use the built-in word processor to type in their own text for the game. There are 12 original selections from current literature that reflect the four modes of discourse: narration, description, exposition, and persuasion. *Hide 'n Sequence* is available in versions for grades 3-5, 5-8, and 8-12.

High Interest, Low Level Content Area Reading

Gamco Industries
44.95

This series of four disks provides practice in reading articles from four content areas: math, science, social studies, and literature. Each disk contains five articles written at a fifth- to sixth-grade

reading level, although the interest level is appropriate for students through high school. After the students read an article, they must answer questions concerning the main idea, vocabulary, details, facts, opinions, sequences, and inference. Each article includes 58 questions. The package also contains an arcade-style reward game and a student-management program for teachers. The disks are sold separately for \$44.95 each.

Homonyms, Antonyms, and Synonyms

Gamco Industries
44.95

This disk contains drills in homonyms, antonyms, and synonyms. In Homonyms, students are shown a pair of homonyms and a sentence with a word missing. They must choose the homonym that belongs in the sentence. In Antonyms and Synonyms, students are shown a word and they must choose either the antonym or synonym. The program includes a database of 100 sentences and 100 pairs. Teachers can add four lists of up to 25 pairs for each lesson. The package also contains an arcade reward game and a teacher management program.

Jumble Jet

Unicorn Software
29.95

All the letters in a cargo jet have been scrambled, and the player must unscramble them to form a word before the jet lands. Graphic screens provide hints. With the cargo editor, new word lists can be added to the program. The Air Rescue arcade game is included as a reward. A lab pack is available for \$89.95, and a teacher's edition is available for \$39.95. For ages 6-12.

Kidwriter

Spinnaker Software
26.95

Children ages 6-10 can learn word processing and creative writing skills with this program. The students select color pictures and write stories about the pictures to create their own storybooks. They have a choice of 99 different characters.

La Corrida de Toros

Gessler Educational Software
29.95

La Corrida de Toros is a hangman game using Spanish vocabulary. There are six different topics that contain hundreds of words on two levels of difficulty. The program includes a vocabulary review and matching exercises for each category.

La Guillotine

Gessler Educational Software
29.95

La Guillotine is similar to the word game hangman. It can be used to study hundreds of French words, presented by topic on two levels of difficulty. A vocabulary review and matching exercises are included for each category.

Language Arts

American Educational Computer
39.95 each

Language Arts is a series of programs to help students improve their language arts skills. *Phonics* for grades K-4 introduces vowel and consonant principles. *Learn to Read* (grades 1-4) uses two learning levels to help students master compound words, contractions, prefixes, suffixes, antonyms, and synonyms. There are three learning levels in *Reading Comprehension* (grades 1-8) to help develop reading comprehension skills. Individual lessons can be added to the *Grammar* disks (grades 4-6) which cover sentence structure, punctuation, parts of speech, tenses, and comparisons. The *Vocabulary* programs for grades 4-6 concentrate on word meaning and recognition and accept additional word lists. The *Grammar* and *Vocabulary* programs each cost \$19.95; all other titles are \$39.95 each.

Language Arts Elementary Series

Advanced Ideas
The Game Show
49.95

This LearningWare package for *The Game Show* contains programs for grade levels 3, 4, 5, and 6. The disks contain language arts questions for the game, documentation, and lesson planning aids. Each grade level disk can be purchased separately for \$19.95.

Learning Can Be Fun Disk #1

Cardinal Software
Commodore 128
19.95

Five educational programs are included on one disk. Math Exercises gives students in grades 4--7 practice solving addition, subtraction, fraction, multiplication, and division problems. Students can learn to recognize the capitals of each state with States and Capitals. Hangman is based on the traditional game of trying to guess a word letter-by-letter, and Wordgames offers a variety of ways to guess more than 1800 words with eight letters or more. In Jot, the player and the computer try to guess each other's three-letter words.

Learning Your ABC's with Speech

Covox
9.95

Children ages 3-6 can learn their ABC's with the help of this program that gives hints if the wrong answer is given and plays a melody when the answer is correct. The program utilizes speech developed with the Voice Master and Music Construction Set from Covox.

The Linguist

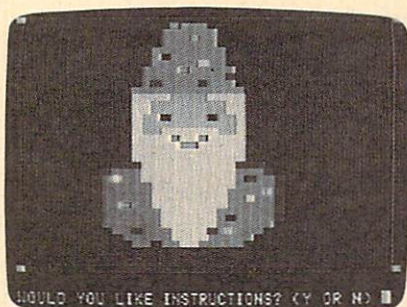
Gessler Educational Software
44.95

Drills in French, Spanish, German, English, Russian, Hebrew, Japanese, or any of 13 other languages can be created with this program. The user can select two languages and can enter words, phrases, and definitions.

Linkword Languages

Artworx
24.95 each

Travelers, business people, and beginning language students can use this program to help them learn a foreign language. Linkword uses a system that links foreign words to similar English words for visual association. Students can learn about 400 words, grammar, and pronunciation in approximately ten hours. Level II versions offer additional vocabulary and grammar. The packages include a program disk and an audio tape; they're available for French, Spanish, German, Russian, Italian, Greek, Dutch, Portuguese, and French-Level II. Each package is sold separately.



Colorful graphics and sound effects help students practice their spelling words in Magic Spells from The Learning Company.

Magic Spells

The Learning Company
39.95

Children ages 6-12 can improve their spelling skills by unscrambling words and by spelling flashed words as they appear in a magical kingdom. The word lists contain hundred of words at various skill levels, or spelling words can be entered with the Spells Writer editor. Graphics and sound effects help entertain and reward the students.

Main Idea Gold Rush

Gamco
44.95

This disk combines a two-player adventure game with a drill in determining the main idea of a paragraph. The game simulates a journey west during the gold rush. Players move forward by correctly identifying the main idea of a paragraph which they are given to read. Two packages are available—one for students who are on the third and fourth grade reading levels and the other for students at fifth and sixth grade reading levels. The packages are sold separately for \$44.95 each.

Mammoth Meltdown Parts of Speech Game

Gamco
44.95

Students become scientists who have discovered a prehistoric woolly mammoth frozen in a bank of snow. While sentences scroll across the top of the screen, students shoot a laser beam only at words that qualify as the chosen part of speech. Lessons include identifying nouns, verbs, pronouns, adjectives, adverbs, and prepositions. When stu-

dents are correct, the laser beam deflects off the word and melts a piece of the snow bank to reveal the mammoth.

M-ss-ng L-nks

Sunburst Communications
65.00 each

Students must fill in the missing letters or words from a selection of writings by using their knowledge of word structure and spelling, grammar, meaning in context, and their own sense of literary style. Three separate versions are available—Young People's Literature, Micro-Encyclopedia, and Classics, Old and New.



Readers can make their way across the Great Plains to the gold fields of California by identifying the main idea in paragraphs in Main Idea Gold Rush.

Mission Control Word Games: Homonyms, Antonyms, and Synonyms

Gamco
44.95

Students can choose from three arcade games to practice identifying homonyms, antonyms, and synonyms. In Black Hole Homonyms, the players must choose the correct word from a pair of homonyms that belongs in the sentence. In Asteroid Antonyms and Star Ship Synonyms, students try to match the word in the left column with either its antonym or synonym in the right column. Teachers can control the speed of the left column. With the management program, teachers can maintain records for up to 200 students.

Mission: Terminus

Gessler Educational Software
\$34.95

The student is a secret agent whose mission is to recover top-secret documents from the enemy. This foreign-language drill game will accept alternate vocabulary and verb tenses as responses. It contains high-resolution graphics and sound.

The Novel Approach

Mindscape
\$59.95 each

The Novel Approach is designed to help students develop critical reading skills and understand literature beyond the characters and events. Grades 7-12 can study *Animal Farm*, *Lord of the Flies*, or *The Call of the Wild*. A *Tale of Two Cities* and *Romeo and Juliet* are available for grades 9-12. Each novel program is sold separately; lab packs can be purchased for \$119.95.

Parts of Speech

Gamco
\$44.95

Six lessons—nouns, verbs, adjectives, adverbs, pronouns, and prepositions—help students learn to identify the parts of speech from sentences. Definitions of the parts of speech may be viewed any time during the lesson. If a student achieves a set score on the lesson, he or she may play the accompanying arcade game. A management program helps teachers record as many as 200 students' names and scores.

Pathwords

Thunder Mountain
Distributed by Mindscape
\$9.95

This word-building game requires speed and strategy as well as word knowledge. For ages 6 and up.

Picture Place!

Hi Tech Expressions
\$12.99

In this beginning reading program, children choose a background scene and create pictures using words as the building blocks. The students can change the pictures to words and the words back to pictures to help develop

their sight word skills. The program contains a pictorial of 193 words and pictures and six backgrounds—city, farm, stage, story, water, and nature. *Picture Place!* is part of the Electric Company series.

Poetry Express

Mindscape
\$49.95

A variety of poetry styles—among them diamante, haiku, tanka, cinquain, lists and litanies, limerick, and rhyme—are included in this program to help beginners learn to write poetry. A word processor enables students to create, edit, and refine their own poems. The poems can be printed. For grades 4-12. A lab pack is available for \$99.90.

The Puzzler

Sunburst Communications
\$65.00

Five stories help students learn to read for meaning. The students must use prediction, confirmation, and integration to solve each story puzzle. At the end of the stories, students enter their solutions.

Read Easy

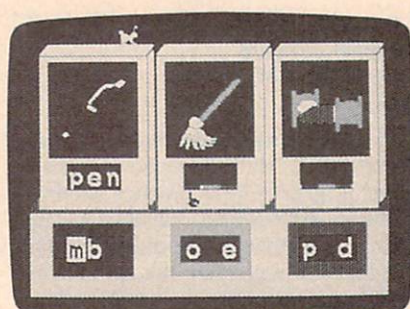
ComputerEasy
\$9.95

Read Easy is an educational reading practice game with over 60,000 different sentences of text. There are six levels of play corresponding to the reading levels of grades 1-6. Play begins with a sentence being printed at the top of the screen for the user to read. After it disappears, four new similar sentences will appear. The player must choose which of the four new sentences is the same as the original one. The game is self-pacing, slowing down and speeding up to match the player's capabilities.

Reader Rabbit

The Learning Company
\$39.95

Four animated games can help students ages 4-7 develop fundamental reading, spelling, and thinking skills. Children can improve letter and word recognition, vocabulary, and memory skills.



Reader Rabbit helps elementary students develop fundamental reading and spelling skills.

Richard Scarry's Best Electronic Word Book Ever

Mindscape
\$29.95

Six color environments provide the background for a variety of Richard Scarry characters to help youngsters improve word recognition, vocabulary, and word-to-object association. For grades prekindergarten-3.

Roll-a-Word

Hi Tech Expressions
\$12.99

A word-generating machine helps children spell words to match the pictures on the screen and use the words in sentences. *Roll-a-Word* covers linguistic concepts such as short vowel, long vowel, silent e, rhyming patterns, 21 word families, and consonant blends. Part of the Electric Company series.

Show Director

Thunder Mountain
Distributed by Mindscape
\$9.95

Using the built-in word processor, students can create a story plot and write the script for a computerized play. They can choose from a variety of settings, characters, music, and sound effects to complete the presentation. For grades 2-6.

Snooper Troops

Gessler Educational Software
\$35.95

The student is a private detective trying to find out who committed a crime. The game is designed to develop German vocabulary skills.

Speech-Review

Hilltop Speech and Language Services
printer recommended
\$15.00

Speech-Review is available in two versions—one for preschoolers and one for students in grades K-3. The program can be used by parents and teachers to monitor the language and speech development of children and aid in detecting possible speech, language, or hearing problems. If a problem is suspected, the program instructs the adult to contact a specialist. The program includes onscreen instructions and some printed documentation. Each version is sold separately for \$15.

Speed Reader II

Davidson and Associates
disk drive
\$49.96

Designed for high school students and adults, this program helps users increase their reading speed and comprehension. There are 35 reading selections and six activities—warm-up letters exercise, warm-up word exercise, column-reading exercise, eye movement exercise, a reading lesson, and a timed reading. The editor allows users to enter their own reading material. Four optional data disks contain activities for grades 5 through college and adults. Each data disk costs \$19.95.

Spellagraph

DesignWare
Distributed by Britannica
\$29.95

Picture and letter puzzles can help students ages 7-14 learn to spell. Panels cover a rebus, and the panels are removed to reveal the rebus as words are spelled correctly. Spelling words are from the Silver Burdette spelling program.

Spellakazam

DesignWare
Distributed by Britannica
\$19.95

A magician pulls animals from his hat whenever the player picks the letters that correctly spell a word. Word lists are organized by rules and grade levels. The student can begin at his or her own level. A joystick is recommended.

Spellicopter

DesignWare
Distributed by Britannica
\$29.95

Children ages 6-10 must fly their helicopter through clouds, over mountains, and around UFOs to rescue stranded letters and spell words. The letters must be picked up in the correct spelling order and placed in the word before the helicopter fuel runs out. Difficulty levels increase as the speller becomes more proficient. Individual word lists, including foreign language words, can be added to the program.

Spelling

American Educational Computer
\$49.95

Students can learn to spell using letter sequences and vowel and consonant groupings with this multilevel program. *Spelling* uses a test-teach-test style and five learning activities to help students master the 4233 words in the program. Additional words can be added to the program, and it generates a words-to-study list for frequently misspelled words. Lessons for three users can be handled at one time.

Spelling

Gamco
\$44.95

Spelling contains three lessons that provide drills in spelling. In lesson 1, students must supply the missing letters in the words. Using the same words in lesson 2, students must choose the correct version from three spellings of a word. Students must unscramble the words in lesson 3. The disk contains a student management system for the teacher.

Spelling and Reading Primer

EduWare
Distributed by Britannica Software
\$9.95

By matching pictures with words, children ages 4-8 can learn to read and spell. The program includes graphics and sound effects.

Spelling Bee

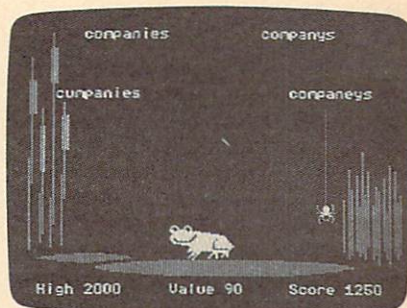
MECC
\$35.00

Students in grades 3-7 can practice spelling with the help of a bumblebee. There are 20 spelling drills on words compiled from elementary reading texts. The word lists and context sentences can be changed to fit classroom or the individual's needs.

Spelling Scramble

Chipmunk
\$9.95

This spelling tutorial uses sound and text as rewards instead of graphics. With the editor, users can enter their own vocabulary words and definitions.



The frog gobbles up correctly spelled words in *Spell It!* from Davidson.

Spelling Wiz

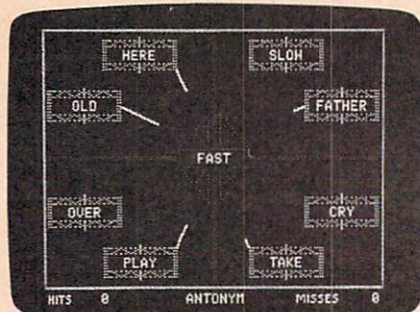
DLM
\$46.00

Part of the Arcademic Skill Builders series, *Spelling Wiz* helps students learn to spell over 300 commonly misspelled words. The package includes the teacher's manual and 24 blackline masters.

Spell It!

Davidson
disk drive, joystick optional
\$49.95

Spell It! helps pupils ages 10-Adult learn to spell new words and practice using over 20 spelling rules. The program contains 1000 commonly misspelled words grouped in five levels of difficulty, and four exercises—see it, practice it, unscramble it—and an arcade-style game. The editor enables users to add their own words to the lists.

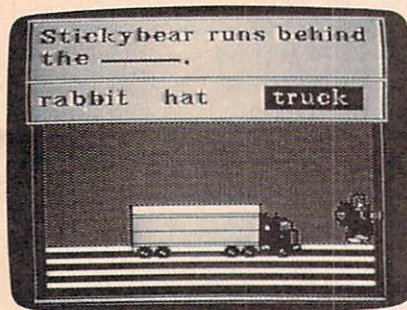


The Arcademic Skill Builders in Language Arts series from DLM uses arcade-style games to drill students in spelling and word skills.

Spider Hunt Spelling

Gamco
44.95

In this spelling game, four words appear at the top of the screen, each with a spider descending from it. Students must decide if each word is correctly or incorrectly spelled. If they are right, the spider falls into the hunter's sack and the player earns points. There are five difficulty levels using list of 400 words. Teachers may enter five additional lists with up to 80 words each. The disk also contains a student management system.



Stickybear helps young students arrange words into sentences in Stickybear Reading.

Stickybear Reading

Weekly Reader Family Software
29.95

Hundreds of word and picture sets and thousands of put-together sentence parts are available in this educational game for children ages 5-8. Users must learn to match words and pictures correctly and put together their own sentences.

Stickybear Reading Comprehension

Weekly Reader Family Software
29.95

Reading comprehension questions follow each of the 30 stories in this multi-level program. Users can also create their own stories. With the print feature, teachers can design test masters and students can complete reports. For ages 8-11.

Stickybear Spellgrabber

Weekly Reader Family Software
29.95

With this program, youngsters can improve their vocabulary and spelling skills. There are three spelling activities, and the game levels can be adjusted to match the player's skill. The game contains more than 4000 words selected from *Weekly Reader* and the *Ginn Lexicon Dictionary*, plus individual word lists can be added. For ages 6-9.

Story Tree

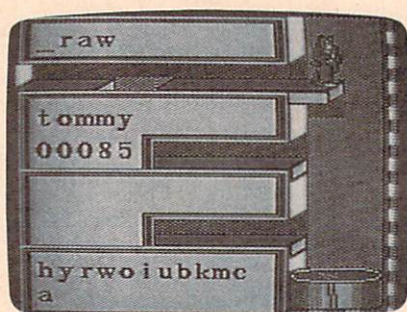
Scholastic
29.95

Students in grades 4-12 can use this program to write interactive stories, choosing how the plot will unfold. The students can select a beginning for their stories and then write as many different endings as they can imagine. With the built-in word processor, the stories can be corrected, edited, revised, reorganized, saved, and printed.

Tiger's Tales

Sunburst Communications
color monitor recommended, printer optional
65.00

The program is a series of interactive stories about a cat named Tiger. Designed for beginning readers, the program uses a problem-solving approach to reading comprehension. After reading the text on the screen, students must take action based on the instructions they've read. Creative options encourage students to make choices that will vary the plot of the stories. A picture-to-word matching section prepares the student for the story that follows. The program works with either a regular keyboard or *Muppet Learning Keys*.



Stickybear climbs higher and higher as students practice their spelling words in Stickybear Spellgrabber.

Trading Post

Sunburst Communications
65.00

The object of *Trading Post* is to be the first player to collect all the shapes that match a specific goal. Two students take turns exchanging their shapes according to a set of exchange rules, or they may request a random shape from the computer. Students must learn to plan ahead and develop strategies.

Verb Viper

DLM
46.00

Part of the Arcademic Skill Builders series, *Verb Viper* helps students practice subject/verb agreement with regular and irregular verbs in present, past, and past-participle tenses. A teacher's manual is included.

Vocabulary Challenge

Mindscape
49.95

Four activities, each with varying levels of difficulty, can help students learn word association, analogy, recognition, classification, and definitions for a list of over 3000 words. For grades 2-12.

Vocabulary Quiz

American Educational Computer
7.99

Students in grades 4 and up can use this program to learn more about homonyms, synonyms, homographs, antonyms, prefixes, suffixes, and similes. The program contains 20 lessons.

Wally's Word Works

Sunburst Communications
75.00 each

Wally the Wallaby hops along sentences and picks up words to help students learn about the parts of speech. Versions are available for grades 4-6, 6-9, and 9-Adult.

Wizards of Words

Advanced Ideas
34.95

The Wizard and his wand make five different word games appear with the help of knights, heralds, jugglers, a princess, and a fire-breathing dragon. The program contains a list of 38,000 words, which are keyed to eight different learning levels. Each game can be tailored to develop reading, spelling, and vocabulary skills. Words and lessons can be added to any game. The program is designed for ages 5-adult.

Word Attack!

Davidson
joystick optional
49.95

Students in grades 4-12 can learn over 675 words, their definitions, and how to use the words in a sentence. The program is divided into nine difficulty levels, and there's an editor so users can add their own words. Activities include the word display, a multiple-choice quiz, sentence completion drills, and an arcade-style word game. Data disks containing 500 additional words can be purchased for \$19.95.

Word Demons (Usage)

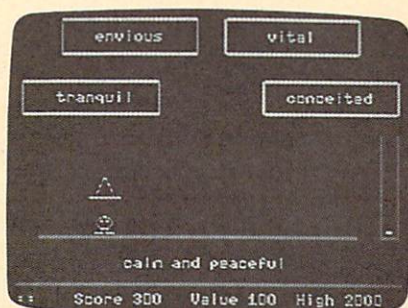
MicroEd
59.95

Homonyms and problem verbs are covered in the five programs on this disk. Groupings include to, too, two; there, their, they're; its and it's; sit and set; and lay and lie.

Word Detective

Sunburst Communications
65.00

In *Word Detective*, students are given a group of letters from which they must form as many words as possible.



In one of the games in *Word Attack!*, the players must match the words with their meanings.

Word Games

MECC
35.00

Three drills can help young students develop spelling and vocabulary skills. The students must try to recall and spell a word that flashed on the screen, unscramble letters to form a word, and guess the letters of a mystery word. Custom lists of words can be added to the program. For grades 1-6.

Word Invasion

DLM
46.00

A friendly, alien octopus helps students learn to identify the six parts of speech. The package includes a teacher's manual and worksheets, plus ranges of speed and difficulty to challenge the students.

Word Man

DLM
46.00

Word Man displays a maze to drill students in forming words with the consonant-vowel-consonant and consonant-vowel-consonant-silent *e* patterns. One of the Arcademic Skill Builders series, this package includes a teacher's manual and 24 blackline masters.

Word Master

DLM
46.00

Students can practice identifying antonyms, synonyms, or homonyms while racing against the clock and electronic rays. There are three difficulty levels. Part of the Arcademic Skill Builders series, the package includes a teacher's manual with 24 blackline masters.

Wordmaze

Mindscape
49.95

Designed for kids in grades 3-12, this word-puzzle program can help students develop vocabulary and spelling skills. The program uses words from eight lists to create matrix-like puzzles. Students can search for the words on the computer screen or a printout. The package includes a teacher's guide and activity sheets. A lab pack is available for \$99.90.

Word Quest

Sunburst Communications
65.00

Word Quest contains two word-search games. In the first game, students use vocabulary and letter clues to search for a secret word. In the second game, students construct word chains using binary search strategies.

Word Radar

DLM
46.00

One of the Arcademic Skill Builders series, this program helps students practice matching words by sight while playing the role of a control tower operator. A teacher's manual and 24 blackline masters are included.

Wortgefecht

Gessler Educational Software
49.95

This edition of the five-part, two-disk program teaches the German vocabulary of school, food, sports, travel, daily life, and occupations. The program includes a word display, multiple-choice and sentence-completion exercises, and a color arcade game.

A Wrinkle in Time

Sunburst Communications
65.00

Students make the decisions that complete the plots in these stories. The characters help the readers understand the meanings of the words used in the stories. The package contains a book, disk, backup disk, and teacher's guide.

EDUCATION



The Writing Adventure provides a framework, graphics, and suggested story lines to help children learn to write stories.

The Writing Adventure

DLM
59.95

The Writing Adventure offers a framework in which students ages 9 and up can learn to write original stories. Students practice observing details, taking notes, and solving problems; and they can learn to draft, edit, and print a story. The Story Starter disk provides adventure scenes and questions about which a story may be written, and the Story Writer disk contains the word processor.

MATH

For further information, circle
Reader Service Number 232.

Addition and Subtraction

Gamco
44.95

Students can practice their whole-number addition and subtraction skills with this program. There are six difficulty levels for addition, five for subtraction, and two for the mixed operations. Students who correctly answer a certain percentage of the questions can play the arcade game at the end of the lesson. Teachers can maintain a record of grades for up to 200 students with the program.

Addition Circus

Gamco Industries
44.95

Balloons containing addition problems float upward in a circus tent. A correct answer enables a clown to pop a bal-

loon before it hits the roof of the tent. Difficulty levels include sums to 6, sums to 10, sums to 12, and sums to 18. A management program helps teachers record up to 200 students' names and scores.

The Ad Game

MicroEd
29.95

In this program, students can learn to read and interpret data on a bar graph. The students are given a product to sell and a profile of the audience. They must then choose the most effective advertising medium.

Adventures with Fractions

MECC
45.00

Lessons help students learn to order unlike fractions. Then an animated game provides practice for the students as they try to collect gold coins for a ransom. For grades 5-8.

Alge-Blaster!

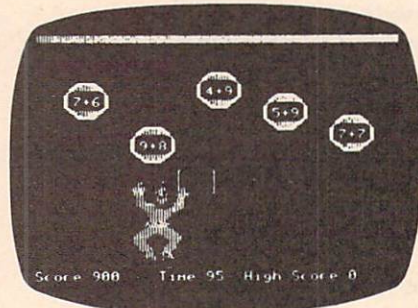
Davidson
1541 disk drive
49.95

For grades 7-12, this tutorial helps students learn the basic steps in solving algebraic problems. It contains over 670 problems covering positive and negative numbers, monomials and polynomials, factoring polynomials and trinomials, equations, and systems of equations. An editor enables the user to add his or her own problems to the system.

Algebra Series

EduWare
Distributed by Britannica Software
29.95 each

High school students and adults can use this series of programs to practice algebraic concepts and problems. Algebra 1 covers numerals, number lines, number systems, and evaluating expressions. In Algebra 2, students can study axioms, solving equations, functions, and inequalities. Monomials, polynomials, factoring, and quadratic trinomials are explained in Algebra 3. Each program is available separately for \$29.95.



The clown pops a balloon each time the player correctly solves the addition equation in Addition Circus from Gamco.

Alien Addition

DLM
46.00

This arcade-style program uses spaceships and laser cannons to aid students in practicing basic addition facts. The package includes a teacher's manual, 52 color flash cards, and 12 black-line masters.

Alligator Mix

DLM
46.00

Addition and subtraction facts can be practiced in this game as students feed apples to alligators. The package contains a teacher's manual, 12 black-line masters, and 52 flash cards.

Analytical Geometry in 3 Dimensions

Computer Heroes
24.95

Analytical Geometry in 3 Dimensions can be used to solve numerical geometry problems on a college level. The points, lines, planes, and vectors are entered by the user and then calculated. The answers can be displayed in symmetric equation, parametric equation, multiple points, direction, and magnitude format.

Bannercatch

Scholastic
29.95

Students can learn the binary number system while trying to capture the flag from Max and an invading army of robots. Max and the robots communicate in the same number system that computers use. For ages 8-12.

Basic Arithmetic

MECC
35.00

This educational game gives students practice in solving everyday math problems such as rounding numbers, making estimations, giving change for a dollar, working with decimals and multiples of 10, and solving simple whole-number problems. For grades 2-6.

Challenge Math

Sunburst Communications
65.00

An alien space intruder, a dinosaurlike creature, and a mysterious mansion help students practice whole-number and decimal operations. Teachers can adjust the difficulty levels.

Counting

MECC
35.00

Smiley faces, fireworks, and wuzzles reward the preschoolers as they solve math problems such as recognizing quantities, counting from 1 to 20, and adding numbers with sums up to 20. For preschool through second-grade level.

Decimal Dungeon

Unicorn Software
29.95

To escape the dungeon master's crystal caverns, the players must correctly answer the decimal math problems and enlist the help of the bat. There are multiple difficulty levels and a time option in this math game. Incorrect answers are explained on the screen. For 1-2 players aged 9 or older. A lab pack is available for \$89.95, and a teacher's edition is available for \$39.95.

Decimals: Addition and Subtraction

Gamco Industries
44.95

Decimals: Addition and Subtraction offers students practice in adding and subtracting with decimal numbers. There is a choice of three difficulty levels each in addition and subtraction, and two difficulty levels in mixed operations. Before beginning the computation, students move the numbers to line up

decimal points. The disk includes an arcade-style reward game and a student-management system for teachers.

Decimals: Multiplication and Division

Gamco Industries
44.95

Students can practice multiplying and dividing with decimals. They have a choice of three difficulty levels in multiplication, five difficulty levels in division, and two levels in mixed operations. The disk includes an arcade-style reward game and a student-management system for teachers.

Demolition Division

DLM
46.00

Students fire their cannons at moving tanks while practicing basic division facts. *Demolition Division* is part of the Arcademic Skill Builders series and includes a teacher's manual, 52 color flash cards, and 12 black-line masters.

Division Shooting Gallery

Gamco Industries
44.95

Players can shoot down the ducks by correctly solving division problems. Skill levels range from dividing by 1 to dividing by 9. Three review levels also are included. A management program helps teachers record up to 200 students' names and scores.

Dragon Mix

DLM
46.00

A large dragon protects the city from invading forces while students practice multiplication and division facts. The program contains 52 flash cards, 12 black-line masters, and a teacher's manual.

Early Learning Library

Cardinal Software
29.95

Two disks contain a variety of games for children in grades K-6. *Ginger the Cat* uses music, color, and animation to help students master basic skills in

math, learning the alphabet, and recognizing shapes and colors. *Math Double Drill* provides practice for students in adding, subtracting, multiplying, and dividing whole numbers.

Elementary Math Logic

MECC
35.00

Students in grades 1-6 can learn basic math logic to use later in solving problems. Lessons include interpreting clues to guess a secret number, tracking down an object hidden on a coordinate grid, and working with factors and prime numbers.

E.T.A.

MicroEd
29.95

Players use an equation to calculate the estimated time of arrival at each stop of their plane on a seven-leg, cross-country flight. A calculator may be needed.

Fish-Ed.

Buchanan Software
29.95

Four educational programs are combined in this package for students at levels K-6. In *Alphabet Practice*, students use fish to put letters in the correct order. *Spelling* has a library of word lists to study, or lists of up to 20 words each can be created and added to the program. *Number Concepts* helps players learn the meaning of addition and subtraction, and *Math Practice* can help students improve their addition, subtraction, multiplication, division, fraction, decimal, negative number, and equation skills. The program includes color, animation, and sound.

Fraction Action

Unicorn Software
249.95

The only way to pass through the electrified gates and escape the Mad Professor's Mansion is to answer the fraction problems correctly. Incorrect responses are explained on the screen. This game is for one or two players aged 8 or older. A lab pack is available for \$89.95, and a teacher's edition is available for \$39.95.

EDUCATION

Fraction Factory

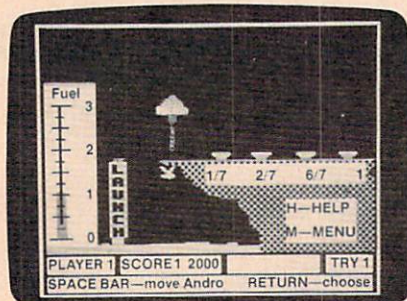
Springboard
29.95

Fraction Factory helps students ages 8-14 understand fraction-related concepts and learn to describe fractions, find common denominators, and add, subtract, and multiply fractions. The program features graphics and sound.

Fraction Fever

Spinnaker Software
joystick
6.95

Fraction Fever uses an arcade game to help explain fractions. Players hop along on a pogo stick and search for the picture fraction that matches the fraction at the top of the screen.



Students can add fuel to their space ship and blast off by solving fraction equations in *Fraction Fuel-Up*.

Fraction Fuel-Up

DLM
32.95

Students can fuel up the spaceship and blast off by correctly answering fraction word problems. The problems drill students in reducing and renaming fractions and adding and subtracting fractions and mixed numbers. Teachers can add their own word problems to the program and save five records for each of 75 students. Worksheets can be printed out.

Fractions: Addition and Subtraction

Gamco Industries
44.95

Fractions offers a choice of six difficulty levels in fraction addition and five difficulty levels in subtraction of fractions. The program includes fractions with

like or unlike denominators, mixed numbers with like or unlike denominators, and problems with regrouping or without regrouping. There's a choice of two difficulty levels in mixed operations. The disk contains an arcade-style reward game and a student-management system for teachers.

Fractions: Multiplication and Division

Gamco Industries
44.95

This educational program provides a choice of four difficulty levels in multiplication and four difficulty levels in division for students learning about fractions. Lessons include multiplying and dividing fractions with or without canceling and multiplying or dividing various combinations of fractions, whole numbers, or mixed numbers. The disk contains an arcade-style reward game and a student-management system for teachers.

Fun Facts II

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* features hundreds of lessons in math, language, science, and social studies. Designed for ages 6-9.

Getting Ready to Read and Add

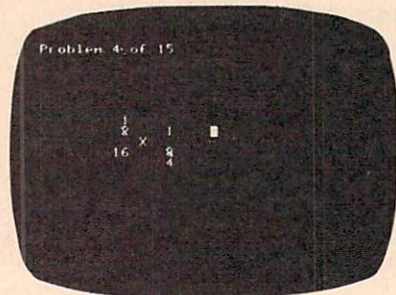
Sunburst Communications
65.00

Primary students can try to identify and match shapes, upper- and lowercase letters, and numbers in this series of programs designed to teach shape discrimination and letter and number recognition. The program can be customized to individual or classroom needs by controlling the selection of numbers and letters. The program operates with either a regular keyboard or *Muppet Learning Keys*.

Get to the Point

Sunburst Communications
65.00

Three games can help students understand the order of decimals and basic operations involving decimals. For grades 5-9.



Fractions: Multiplication and Division contains four levels of difficulty in solving fraction problems.

How to Weigh an Elephant

Learning Technologies
14.95

Students must determine the weight of three animals by watching how low the boat floats as each of them takes a ride. The student can develop concepts of weight/mass/volume, ordering and sequencing, observation/prediction of outcomes, and cause-and-effect relationships. For preschool through grade 1.

Kinder Concepts

Midwest Software
99.00

Preschoolers and kindergartners can prepare for math and reading in the elementary levels with this series of programs. The 15-program math series helps youngsters learn to count, compare figures, add, subtract, and relate numerals to numbers of objects. The reading series also contains 15 programs. These programs aid students in matching letters, learning the alphabet, and comparing objects for similarities. The math and reading series each cost \$55.00, or they can be purchased together for \$99.00.

The King's Rule

Sunburst Communications
65.00

Students can try to find the numerical rules that will allow them to make their way through a king's castle. The students must develop and test hypotheses by asking questions, trying out new number combinations, and requesting recaps of the data. There are six levels of play. For grade-4 through adult-level students.

Learning Can Be Fun Disk #1

Cardinal Software
Commodore 128
19.95

Five educational programs are included on one disk. Math Exercises gives students in grades 4-7 practice in solving addition, subtraction, fraction, multiplication, and division problems. Students can learn to recognize the capitals of each state with States and Capitals. Hangman is based on the traditional game of trying to guess a word letter-by-letter, and Wordgames offers a variety of ways to guess more than 1800 words with eight letters or more. In Jot, the player and the computer try to guess each other's three-letter words.

Learning to Add and Subtract

Learning Technologies
14.95

Students use picture clues to solve simple addition and subtraction problems of single-digit numbers. The program is designed to develop counting and skills of addition and subtraction of single-digit numbers. For preschool through grade 3.

Let's Go Fishing

Learning Technologies
14.95

Students help the fat cat hook just the right number and the right type of fish. The program helps develop number- and shape-recognition skills. For grades preschool-1.

Math and Social Studies

Advanced Ideas
Master Match
19.95

This LearningWare package for the Master Match program features intermediate and advanced lessons in math and social studies. The program is designed for students ages 9-11.

Math Blaster!

Davidson
joystick optional
49.95

Students in grades 1-6 can learn the basic facts of addition, subtraction, multiplication, division, fractions, decimals, and percentages. The 600 problems are

grouped by math area and level of difficulty. The first activity explains the math fact and the second activity presents a problem the user must solve. In the third activity, the problem is missing a piece of information which the user must supply. The fourth activity is an arcade-style game with 30 math problems. An editor helps users enter their own math problems into the program.

Math Football: Whole Numbers

Gamco Industries
44.95

Two disks combine fast-paced football action with whole-number or decimal drills. The games may be played by one or two players, who have a choice of four playing levels: High School (addition and subtraction), College (multiplication), Pro (division), and Super Bowl (mixed operations). On each play, players may choose a running play (easy problem), short pass (medium-difficulty problem), long pass (hard problem), or punt. Incorrect answers result in lost yardage or a loss of possession. Correct answers lead to a yardage gain, first downs, touchdowns, and extra points after a touchdown. A management program helps teachers record up to 200 students' names and scores.

Math in a Nutshell

Learning Technologies
14.95

A squirrel helps students select the correct combinations of arithmetic operations to solve problems at three different levels of difficulty. The program develops skills in counting, addition, subtraction, multiplication, and division of single-digit numbers. For grades 3-6.

Math Leap Frog

Gamco Industries
44.95

Frogs leap along logs toward lily pads whenever the student correctly solves an addition, subtraction, multiplication, or division problem. Difficulty levels for addition and subtraction range from sums to 6 and subtracting from 6 to sums to 18 and subtracting from 18. Difficulty levels for multiplication and division include single multiplicand and

divisor from 0 to 9, or groups of multiplicands and divisors from 0 to 9. A management program helps teachers record up to 200 students' names and scores.

Math Maze

Designware
Distributed by Britannica Software
29.95

Players can move a fly through a maze by collecting the correct answers to addition, subtraction, multiplication, and division questions. For more advanced players, a spider tries to get into the maze. Or, the players can make the walls of the maze invisible. The game includes 40 mazes with multiple skill levels. Additional mazes can be designed. For ages 6-11.

Math Mileage

Thunder Mountain
Distributed by Mindscape
9.95

Students can learn basic addition and multiplication by playing a colorful road-rally game. For ages 7 and up.

Maxi Taxi

MicroEd
29.95

As a taxi driver, the player tries to earn as much money as possible each hour. The amount earned is based on the rate and the time required for each ride. Three cabs are available to drive.

Medal Winner

MicroEd
29.95

High scorers in this program win computer medals. The object of the lessons is to arrange the digits of two numbers to create a multiplication problem that will generate the greatest product. For grades 4-8.

Meteor Multiplication

DLM
46.00

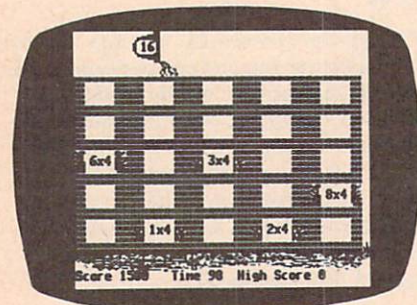
Students can practice basic multiplication facts with this program, one of the Arcademic Skill Builders series. The package includes a teacher's manual, 12 black-line masters, and 52 flash cards.

EDUCATION

Metric Mathematics

MECC
35.00

Metric Mathematics is designed to help students become familiar with the metric system and converting from one system to another. A blackjack-like game is included. For grades 4-6.



Students help put out a fire in a building by solving the multiplication problems that appear in the windows in *Multiplication Brigade*.

Minus Mission

DLM
46.00

Part of the Arcademic Skill Builders series, this program helps students practice basic subtraction facts. A teacher's manual, 52 flash cards, and 12 black-line masters are included.

Mission: Algebra

Designware
Distributed by Britannica Software
29.95

Players must use linear equations to rescue a sister spaceship from deep space. They must first solve an equation to find the trail of the ship and then plot a course to get the ship back. There are 40 built-in game paths, thousands of equations to solve, and multiple difficulty levels. New paths can be added, and the program can automatically create the new equations. For ages 13 and over.

Monkeymath

Artworx
19.95

Children can practice their addition, subtraction, multiplication, division, and number-sequencing skills with this program. Animation, graphics, and color are included for entertainment.

There are three levels of difficulty for children ages 4-10. The package contains a Marc the Monkey coloring book and poster, plus a story explaining the program.

Multiplication and Long Division

Gamco
44.95

Part of the whole-numbers series, this program helps students practice multiplication and long division. There are six difficulty levels for both multiplication and division, plus two levels for mixed operations. An arcade game at the end of the lesson is the reward for students who correctly answer a percentage of the questions. Teachers can record up to 200 students' names and addresses with the program.

Multiplication Brigade

Gamco Industries
44.95

Students can help the bucket brigade put out the fire in a burning building by solving multiplication problems. Difficulty levels range from multiplying by 0 to multiplying by 9. Three review levels also are included. A management program helps teachers record up to 200 students' names and scores.

Number Facts

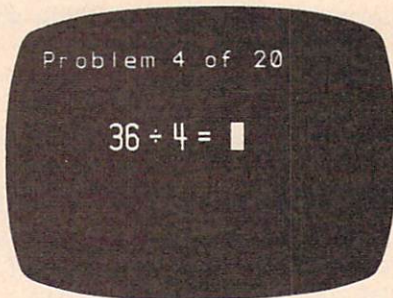
Gamco Industries
44.95

Number Facts provides drills in solving addition, subtraction, multiplication, and division problems. Sums range between 6 and 18. Subtraction is in four levels ranging from 18 or less to 6 or less. Multiplicands range from 0 to 12, and division problems use a divisor between 1 and 12. The problems are randomly generated.

Number Farm

DLM
32.95

One to two players can practice their number and counting skills and learn beginning number concepts with this collection of six games. Titles of the games are Number Farm, Old MacDonald, Hen House, Animal Quackers, Horseshoes, and Crop Count. The games feature music, animal sounds, and animated, color graphics.

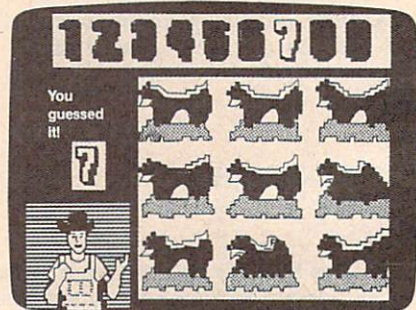


Number Facts from Gamco provides math problems in addition, subtraction, multiplication, and division.

Path Tactics

MECC
55.00

Students in grades K-6 can move their robots along a racetrack by correctly solving counting, addition, subtraction, multiplication, and division problems.



Farm scenes and animals help young students improve their counting skills in Number Farm from DLM.

Percent

Gamco Industries
44.95

In *Percent*, students choose first a lesson and then a difficulty level. Lesson 1 has six levels—covering fraction, percent, and decimal conversions—and includes percents greater than 100, mixed-number percents, and percents with one or two decimal places. Lesson 2 has four levels: finding a percent of a number, finding the number when the percent is given, finding the percent, and a mixed drill. Students are shown how to write the equation, select the correct operation, and then solve for the answer. The package includes an arcade-style reward game and a student-management program for teachers.

Perimeter, Area, and Volume

Gamco Industries
44.95

Perimeter, Area, and Volume provides drills in geometry. The students choose a lesson and then a skill level. In Perimeter, the levels are polygons, circles (circumference), and mixed practice. In Area, topics include rectangles, triangles, circles, parallelograms, trapezoids, and mixed practice. In Volume, students can learn about rectangular prisms, triangular prisms, cylinders, or a combination. A management program helps teachers record up to 200 students' names and scores.

Piece of Cake Math

Springboard
34.95

Designed for children ages 7-13, this program helps students practice adding, subtracting, multiplying, and dividing as they try to keep track of a variety of cakes in a bakery. Players can progress to more difficult levels or play the Catch-a-Cake game to test their skills.

Pinball I.Q.

MicroEd
29.95

Players can score points in a pinball game by finding the quotients in one- and two-digit-divisor division problems. For grades 3-8.

Power Drill

Sunburst Communications
65.00

Four programs can help reinforce basic computation and math skills. Altogether offers practice in addition of whole numbers and integers up to four places. Students are given help and asked to use their estimation skills for more difficult levels. What's the Difference uses those same skills for subtraction practice. Easy Times and Hard can reinforce one-, two-, and three-digit multiplication, while The Great Divide emphasizes division. For grades 4-9.

Puzzle Tanks

Sunburst Communications
65.00

Students are given two tanks and a storage tank, each with a set capacity that is randomly chosen by the com-

puter. The students must fill and empty the tanks and transfer from tank to tank such materials as Jolly Juice and Yerple Paint. The players must also arrive at a target amount chosen randomly by the computer. There are three difficulty levels and a championship level. For grade-3 through adult levels.

Race Car 'Rithmetic

Unicorn Software
29.95

Players have to solve math problems to win the race; incorrect answers mean a delay in the pit stops. Each player can choose his or her own math function—addition, subtraction, multiplication, or division—and skill level. Graphics and sound help make the game more entertaining. For 1-4 players aged 5 or older. A lab pack is available for \$89.95, and a teacher's edition is available for \$39.95.

The Right Turn

Sunburst Communications
65.00

This program allows students to predict, experiment, and learn about mathematical concepts of rotation and transformation. Students can create a pattern and then specify the type of transformation. First the computer shows what the transformation does to their pattern. Then it creates its own pattern below, and the students must specify how to rotate it to achieve their original transformation. For grades 4 and higher.

Rounding

Gamco Industries
44.95

Rounding contains drills in rounding whole numbers and decimals. Students may choose from six levels of whole numbers—rounding to 10s, 100s, and 1000s, rounding 9s, rounding larger numbers, and review—and four levels on decimals—rounding to whole numbers, rounding to tenths, rounding to hundredths or thousandths, and review. An arcade game rewards students who correctly solve the problems. And a management program helps teachers record up to 200 students' names and scores.

Safari Search

Sunburst Communications
65.00

Safari Search is designed to enhance math abilities and develop problem-solving strategies and logical thinking. Students must use clues and inference to find the mystery animals hidden in a grid. For grades 3 and higher.

Scare City Motel

MicroEd
29.95

The player manages a motel and tries to make the maximum profit by adjusting the supply of rooms to the demand of guests.

Science and Math

Advanced Ideas
Master Match
19.95

This LearningWare package for the *Master Match* program features hundreds of ready-to-use lessons on science and math. Designed for students ages 6 to 9.

Ships Ahoy

Unicorn Software
29.95

Four games are combined in this package to help students aged 5 or older practice their addition, subtraction, multiplication, and division skills. In *Ships Ahoy*, players must sail their ships across the screen before the hidden mine explodes. In *Mine Sweeper*, players must find the mine that contains the correct number to complete a mathematical equation. *Sailing Sketch* is a drawing game, and *Treasure Hunt* is a maze game.

Space Journey

Thunder Mountain
Distributed by Mindscape
9.95

When they solve the math problems correctly, students can intercept meteors and land on planets. This program tests students' skills in converting percentages to decimals and fractions and in converting decimals and fractions to percentages. The program features three levels of difficulty, sound, and graphics. For grades 6-8.

Star Maze

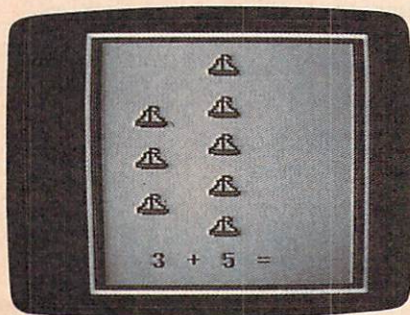
Thunder Mountain
Distributed by Mindscape
9.95

Students guide an alien through mazes and back to its home by solving division problems. The program includes graphics, sound effects, and three levels of difficulty.

Stickybear Math 1

Weekly Reader Family Software
29.95

To help out Stickybear, children ages 6-9 must solve sets of addition and subtraction problems. The computer can automatically advance the child, or a parent or teacher can customize the program to suit a child's needs. Equations are displayed both horizontally and vertically and use single-digit to four-digit problems. Math problems with carrying or borrowing are included. Records for up to 25 users can be stored.



Subtraction and addition problems are illustrated with colorful graphics in Stickybear Math 1 from Weekly Reader Family Software.

Stickybear Math 2

Weekly Reader Family Software
29.95

Children ages 7 and older can practice multiplication and division problems with this program. The program can be customized for up to 25 students, and records for up to 40 students can be maintained. The program automatically advances the level of difficulty to challenge the student without frustrating him or her.

Subtraction Defenders

Gamco Industries
44.95

Fireballs containing subtraction problems fly toward a castle wall. The students must shoot down the fireballs by typing in the correct solution to the problems. Difficulty levels include subtracting from 6 or less, subtracting from 10 or less, subtracting from 12 or less, and subtracting from 18 or less. A management program helps teachers record up to 200 students' names and scores.

Success with Algebra Series

Mindscape
29.95 each

This series of five separate programs can help students improve their understanding of complex algorithms and algebraic principles. Individual titles include *Equations*, *Equations II*, *Factoring Algebraic Equations*, *Solving Quadratic Equations*, and *Simultaneous Linear Equations*. The programs are designed for grade levels 8-11 and employ on-screen explanations to help describe the step-by-step process of solving the problems. Each title is sold separately for \$29.95.

Success with Math: Decimals Series

Mindscape
110.00

This series consists of four separate programs to help students in grades 5-8 learn to work with decimals. *Adding Decimals*, *Subtracting Decimals*, *Multiplying Decimals*, and *Dividing Decimals* each cost \$29.95; the three together sell for \$110. Lab packs cost \$59.90 each or \$220 for the complete set.

Success with Math: Fractions Series

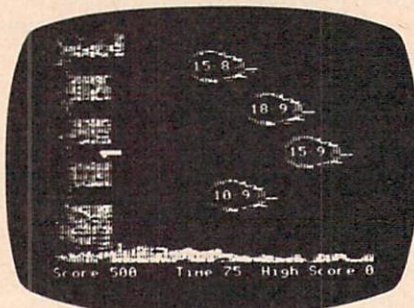
Mindscape
110.00

This series of four separate programs covers adding, dividing, multiplying, and subtracting mixed fractions. The programs use graphics to help the students practice solving fraction equations. Each program can be purchased individually for \$29.95. Individual lab packs are also available for \$59.90, or the complete series lab pack is available for \$220.00. For grades 5-8.

Success with Math: Addition with Carry

Mindscape
19.95

Part of the Success with Math Series, this program drills students in simple addition problems. Problems with up to nine rows and columns can be generated. For grades 1-3. Lab pack available for \$39.90.



Players defend their castle by solving the subtraction problems arriving on flying fireballs in Subtraction Defenders.

Success with Math: Long Division

Mindscape
19.95

Color, graphics, onscreen instructions, and large number displays aid students in practicing long division. Students can choose a divisor with one, two, or three digits. For grades 4-8. A lab pack can be purchased for \$39.90.

Success with Math: 1-2-3 Digit Multiplication

Mindscape
19.95

Students can choose multiplication problems with one, two, or three digits to improve their multiplication skill. The program features large numbers, graphics, and onscreen instructions. For grades 3-6. A lab pack can be purchased for \$39.90.

Success with Math: Order of Operations

Mindscape
29.95

Students can learn about the order of operations for addition, subtraction, multiplication, division, and parentheses.

ses for whole numbers and integers. The package includes a backup disk and program guide. For grades 4-8. A lab pack is available for \$59.90.

YOU WILL BE GIVEN A RANDOM EQUATION IN THE FORM $AX + B = C$. YOU WILL ALSO BE GIVEN A MENU OF RULES TO BE USED IN THE SOLUTION OF THE EQUATION. THE RULES ARE AS FOLLOWS:

PICK THE RULE YOU WISH TO USE

- 1) ADD SAME TERM TO BOTH SIDES
 - 2) SUBTRACT SAME TERM FROM BOTH SIDES
 - 3) MULTIPLY BOTH SIDES BY SAME TERM
 - 4) DIVIDE BOTH SIDES BY SAME TERM
 - 5) SIMPLIFY BOTH SIDES
- HIT **ENTER** TO CONTINUE

Programs in the Success with Algebra Series from Mindscape lead students step by step through solving equations, as in this problem from Simultaneous Linear Equations.

Success with Math Series

Mindscape
29.95 each

This series of six separate programs can help students learn basic math skills. Individual titles include *Addition and Subtraction* (grades 1-4), *Multiplication and Division* (grades 2-8), *Fractions: Addition and Subtraction* (grades 5-8), *Fractions: Multiplication and Division* (grades 5-8), *Decimals: Addition and Subtraction* (grades 5-8), and *Decimals: Multiplication and Division* (grades 5-8). The programs use numerous practice problems to help students master each level. Each title is sold separately for \$29.95.

Success with Math: Subtraction

Mindscape
19.95

Color, graphics, onscreen instructions, and randomly generated problems help students practice subtraction. There are options for choosing the number of digits and renaming. Lab packs are available for \$39.90.

Sum-It Mountain

MicroEd
29.95

Students try to carry a flag to the top of the mountain in the fastest possible time by adding nine numbers in cumulative exercises. If a mistake is made, the player must start over again at the bottom.

Survival Math

Sunburst Communications
65.00

Four games help students apply math skills to everyday life. In *Travel Agent Contest*, students plan a budget for a trip. Students learn to make price comparisons in *Smart Shopper Marathon*. In *Hot Dog Stand*, students run a stand at school football games; they must make inventory and pricing decisions. Students must build a playroom while observing a specified time frame and budget in *Foreman's Assistant*.

Teasers by Tobbs

Sunburst Communications
65.00

A grid and a character called Tobbs appear on the screen in two programs. The grid presents a succession of math problems, either addition or multiplication, each with a missing number. Students must determine which number cannot be, might be, or must be the number that solves the problem on the grid. The program features six levels of difficulty.

Think Bank

Hearsay
Hearsay 1000 suggested
29.95

Think Bank can operate with the Hearsay 1000 as voice-interactive software or alone as a standard math program. With this program, children 6-10 years of age can learn arithmetic basics in addition, subtraction, multiplication, and division. Problems are given as either fill in the blanks, flash cards, or puzzles.

Trapezoid

Designware
Designed by Britannica Software
joystick optional
9.95

In this educational game, students select the geometric shape they want to use to trap the zoids and get them off the planet. For ages 7-14.

Variety Pac #1

Chipmunk
9.95

Twelve BASIC programs—nine math and three spelling—can help students improve their math and spelling skills. The programs can be changed for individual needs.

The Whatsit Corporation

Sunburst Communications
65.00

Students learn entrepreneurial skills and practice math operations in this simulation of starting and running a one-product business. For grades 6 and up.

Word Problems: Level A (Grades 3-4)

Gamco Industries
74.95

This package contains two disks with lessons to help students in grades 3-4 learn to solve word problems. The four lessons on disk 1 use a simplified sentence format and help students choose the correct operation and identify the answer. Disk 2 has three lessons on solving one-step problems and an enrichment lesson on two-step problems. Skill levels involve adding and subtracting up to four-digit numbers and multiplying or dividing (through 9 times 9). An arcade-style reward game and management system are included.

Word Problems: Level B (Grades 5-6)

Gamco Industries
74.95

Two disks help students in grades 5-6 learn to solve word problems. The five lessons on disk 1 include choosing the correct operation, identifying answers, and deciding what information (if any) is missing. Disk 2 has three lessons on solving two-step problems. Skill levels include adding or subtracting numbers up to five digits long, multiplying or dividing by one-digit or two-digit numbers, and working with money in decimal form. An arcade-style reward game and management system are included.

Word Problems: Level C (Grades 7-8)

Gamco Industries
74.95

Level C contains two disks with lessons to help students in grades 7-8 learn to solve word problems. The three lessons on disk 1 include choosing the correct operation and deciding if there is too little or too much information. The four lessons on disk 2 cover one-step problems, solving problems when extra information is given, and a review of all skills. Difficulty levels include adding, subtracting, multiplying, and dividing whole numbers and decimals. An arcade-style reward game and management system are included.

SCIENCE AND HEALTH

For further information, circle
Reader Service Number 233.

Animal Kingdom

Unicorn Software
29.95

Children ages 6-10 can learn about the world of animals with this program. Six learning activities introduce animal species such as prehistoric, jungle, fish, insects, amphibians, reptiles, birds, and more.

Animal Life Databases

Sunburst Communications
Bank Street School Filer
59.00

Designed to be used with the Bank Street School Filer, Animal Life Databases integrates the use of databases into the science curriculum. The program includes separate files on warm- and cold-blooded animals, a file on books, a glossary of key vocabulary, a pets file that covers the care of pets, and a lab file in which students record the results of experiments. In addition to the reproducible program disk, a backup disk and teacher's guide is included.

Astronomy Databases

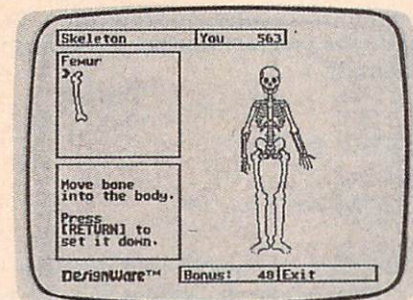
Sunburst Communications
Bank Street School Filer
59.00

The program, designed to be used in conjunction with the Bank Street School Filer, contains databases including separate files covering events pre- and post-1800, a file on the nine planets, a books file, a glossary of key vocabulary, and a database students create by researching and entering information about the constellations. The package includes the reproducible program disk, a backup disk, and a teacher's guide.

Biology Quiz

American Educational Computer
7.99

Biology Quiz contains 15 lessons to supplement basic biology courses in high school and beyond. Topics include the science of living things, a study of the human body, and terminology.

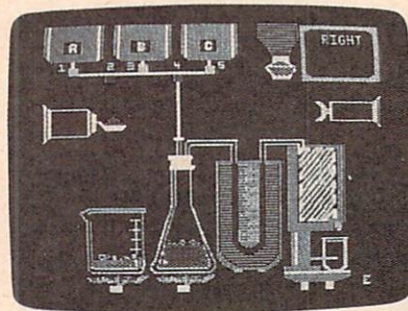


In The Body Transparent from Designware, students learn about the muscular and skeletal systems of the human body.

The Body Transparent

Designware
Distributed by Britannica Software
29.95

Using either a male or female body, students can learn the locations and functions of the human organs and bones. There are multiple difficulty levels for practice, and the program can be used as a two-player trivia game. Custom questions can be added to the program.



Students can mix chemicals and perform experiments without making a mess or creating a danger with Chem Lab.

Chem Lab

Simon and Schuster
19.95

Students ages 9-13 can progress from lab assistants to Nobel Prize-winning scientists in this educational program. Chem Lab contains over 50 problems that must be solved by experimenting with solids, liquids, gases, heat, precipitation, and condensation. Onscreen, the program includes two robot arms to handle the chemicals, five types of lab equipment, three bunsen burners, and dispensers. The problems are in varying degrees of difficulty.

Ducks

MECC
35.00

This program teaches students about waterfowl and how to be a safe, ethical hunter. The students can learn to identify the birds by feathering, size, and body features. A quiz drills the players on game laws. If the student successfully completes the quiz, he or she can play a hunting game. For grades 7-Adult.

Earth Science

MECC
35.00

A collection of programs helps students in grades 3-12 learn about science. One program helps students identify 26 common minerals while another shows a method for determining the epicenter of an earthquake. Other programs deal with space and the constellations.

Endangered Species Databases

Sunburst Communications
Bank Street School Filer
59.00

This program is designed to be used with the *Bank Street School Filer*. Databases include a mammals file, which contains information on all endangered U.S. mammals; a critical file of the world's more endangered species; an extinct file, which lists all species extinct since 1600; a books file, a glossary of key vocabulary; and a database students build by recording information about critical species in their own state or region. The package includes a reproducible program disk and backup and a teacher's guide.



Junior scientists can mix chemicals and compounds to discover their effects in *The Incredible Laboratory* from Sunburst.

European Nations and Locations

Designware
Distributed by Britannica Software
29.95

Players ages 9-Adult can learn about the geography, landmarks, capitals, history, and current events of European nations as they travel about Europe via this game. Individual questions and answers can be added to the game. For 1 or 2 players.

Food Facts

MECC
35.00

Color graphics help show students the contents—sugar, chemicals, vitamins—of the foods they eat every day. One section explains how long it takes to burn calories; another lists the foods that contain the most nutrients. For junior high through adult.

Formulator

Cardinal Software
19.95

Science and engineering students can use this program to calculate and store formulas and arithmetic expressions that are used repeatedly. The lists can be printed.

Galactic Frontier

Free Spirit Software
29.95

This space exploration game takes the user on a tour through the stars, planets, and moons of the Milky Way Galaxy. The program includes data on each star including spectral class, spectral number, luminosity, type, spectroscopic analysis, diameter, temperature, and age. Planet data includes color, chemical analysis, length of year and day, distance from star, temperature, atmospheric pressure, wind speed, number of moons, and life forms. Users travel through space seeking stars and exploring planets where an advanced race, or hostility, or maybe nothing may be found.

The Incredible Laboratory

Sunburst Communications
65.00

Students have a beakerful of a bubbling solution and a list of crazy chemicals to add to the mixture. Each chemical produces specific features of a monster, such as lizard feet and furry arms. All chemicals can be combined to form even more variations. The student's job as a novice, apprentice, or scientist is to discover, through trial and error, the effect of each chemical. For grades 3 and up.

Measurement

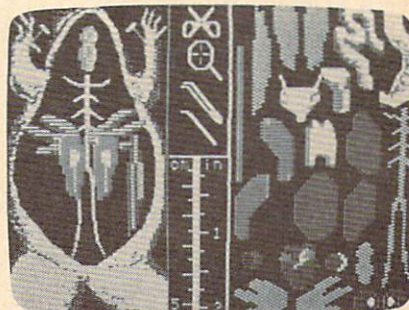
MECC
35.00

Students can learn the importance of precise measurement in science as they practice comparing their input and output rates with those of the computer. For grades 6-9.

A Mission in Our Solar System

Thunder Mountain
Distributed by Mindscape
joystick
9.95

Students can take part in a space exploration mission and learn about celestial objects in this simulation of the solar system. Topics include constellations, navigating by the stars, Halley's Comet, planets, moons, and eclipses. The package includes a program disk, backup, teacher's manual, user's guide, cassette tape, and star map. A lab pack is also available for \$125.



In *Operation: Frog*, biology students dissect and study the parts of a frog and then try to put it back together again.

Operation: Frog

Scholastic Software
29.95

Students ages 9-15 can simulate the step-by-step dissection of a frog with this program. After dissection, the students can examine each organism more closely with the magnifying-glass function. The final step is to put the frog back together.

Outdoor Biology

MECC
35.00

Students can learn about natural biology with this program. Topics include food chains and webs, freshwater fish, and forest animals in predator-and-prey relationships. For grades 2-9.

Planet Probe

MicroEd
29.95

In this arcade-style space program, students can learn about the planetary system while they try to find enough fuel to land a spaceship on the nine planets. For grades 3-9.

Science

American Educational Computer
89.95

The *Science* series includes programs for grades 3 through high school. Elementary Science Facts 1 (grades 3-4) contains 35 lessons in life science.

Elementary Science Facts 2 (grades 5-6), contains 35 lessons on earth and space science, and Elementary Science Facts 3 (grades 7-8) covers physical science. Students in grades 10 and up can study the 35 lessons on biology language and concepts in Biology Facts. Each program is also available separately for \$19.95.

Science and Math

Advanced Ideas
Master Match
19.95

This LearningWare package for the *Master Match* program features hundreds of ready-to-use lessons on science and math. Designed for students ages 6-9.

Science Elementary Series

Advanced Ideas
The Game Show
39.95

This LearningWare package for *The Game Show* contains questions on science for grades 3-6. The package includes the program disks, documentation, and lesson-planning aids. Disk sets for grades 3 and 4 and for grades 5 and 6 can be purchased for \$19.95 each.

Science Quiz

American Educational Computer
7.99

Fifteen lessons provide information on science topics such as cells, organisms, green plants, water, trait inheritance, biomes, and simple forms of life. For grades 7-Adult.

Space Databases

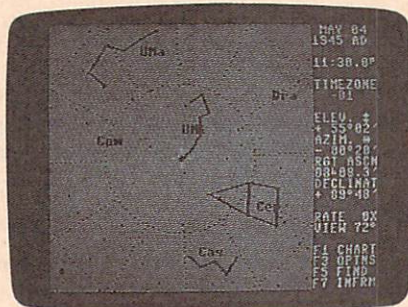
Sunburst Communications
Bank Street School Filer
59.00

Designed to work with the *Bank Street School Filer*, the program's databases include a time line that covers important events in the history of space exploration, separate files on manned missions and unmanned launches, a file on books, a glossary of key vocabulary, and a database students create to analyze the results of a class survey about space exploration and space predictions. The package includes a reproducible program disk, backup disk, and teacher's guide.

Weather Databases

Sunburst Communications
Bank Street School Filer
59.00

Weather Databases is a collection facts and information on local, national, and world climate patterns. Students can learn about weather patterns, how to use maps, and how to build a weather station while they practice their writing skills with *Bank Street School Filer*.



Sky Travel takes students on a journey through the night sky where they can learn about the stars, constellations, and eclipses.

Sky Travel

MicroIllusions
Distributed by Mediagenic
49.95

Users can explore the universe with *Sky Travel*. Users can observe any portion of the night sky and view the skies thousands of years forward or backward in time. Star maps can be plotted and constellations traced. Users can also emulate solar and lunar eclipses as well as all phases of the moon. The Inform function provides information on all major objects in the sky.

COMPUTER SCIENCE

For further information, circle Reader Service Number 234.

Bank Street Beginner's Filer

Sunburst Communications
79.00

This program is the introductory version of the *Bank Street School Filer* and is designed for students in grades 2-6. Students are introduced to database programs and are taught computer literacy skills. Everyday language is used in the program, and menu options are displayed onscreen. The package includes the program disk, a backup disk, a reproducible beginner's database disk, a beginner's classroom tools disk, and a teacher's guide.

Bank Street School Filer

Sunburst Communications
99.00

This database program is designed to strengthen critical skills and to improve computer literacy for children ages 3 and up. English commands are used for searching, and menu options are always displayed on the screen. Users can customize their own reports and edit the format of existing reports. The program disk, a backup, a classroom tools disk, a reproducible tutorial disk, a reproducible school database disk, a quick-start card, a teacher's guide, and a reference manual are included in the package. Additional database packages are available.

Experiencing Procedures

MECC
35.00

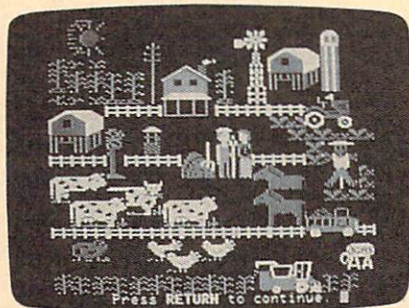
Students can learn to organize procedures into computer programs, using a Logo-like language to write the procedures and create geometric patterns on the screen. For grades 6-9.

The Friendly Computer

MECC
45.00

Five programs can help children pre-school-grade 3 learn about the computer and how to use it. A character called Zebug helps students locate the keys and create computer drawings.

EDUCATION



Youngsters learn how to use a computer by moving and adding blocks to create a farm or city scene with Kids at Work.

Kids at Work

Scholastic Software
19.95

As students build city and farm scenes, they can learn how to use a computer. Construction and farm-worker friends help students construct skyscrapers, tree-lined streets, meadows, and farmlands from combinations of shapes and picture blocks. The students are then shown how to save and print the scenes. For grades K-4.

Logo Probability

Terrapin
23.95

Logo Probability uses the Logo language to help middle- and high-school students learn to make predictions and test hypotheses. Twelve activities drill students in counting techniques, sample sizes, dependent and independent events, combinations and permutations, fairness, graphing, and estimation. The package includes a student booklet, teacher's guide, and the disk with more than 30 programs. A class pack with 25 booklets is available for \$59.95, and a lab pack with 8 booklets is available for \$34.95.

Logo Robot

Scholastic
19.95

Students can learn the Logo programming language by issuing commands to the onscreen robot. The robot can be directed to draw color graphics using 14 pen widths and patterns. For grades 4-8.



Mastertype's Filer shows kids how to use a database to store and retrieve information.

MasterType's Filer

Mindscape
29.95

This program helps students learn to use a database by teaching them to enter, store, retrieve, search, and update data. Prepared files enable students to sort alphabetically or numerically. Students can create their own databases and print out labels or tables. For grades 3-12.

Meet the Computer: Beginning Basic

Sunburst Communications
29.00

This program is for students and teachers who either want to develop computer literacy from the beginning or want to brush up on their computer skills.

Poster

Scholastic
19.95

A graphics language program, Poster is designed to help students in grades 4-6 learn about computer programming. The program contains a set of background colors, brush strokes, and brush colors. Commands enable students to make, save, load, store, or erase a poster from disk. While creating the poster, students can control the size, speed, color, and direction of the paintbrush. Changes can be made in the edit mode.

Secret Filer

Scholastic Software
19.95

The computer screen becomes the workplace for students as this program shows them how to file and categorize information. Students can store facts for research papers, create a current-events file, develop an inventory of favorite books, assign the files, search for specific files, and use a password to lock up the files.



Students can compile study notes, name-and-address files, and inventory lists while learning about databases with Secret Filer from Scholastic Software.

The Three R's of Microcomputing (The Class Computer)

MECC
35.00

Students can learn about BASIC language and the primary functions of a computer—input, output, and processing. The Glass Computer program uses graphics to show how the computer works internally. For grades 6-9.

Turtle Tracks

Scholastic
29.95

Students can learn about graphics and computer programming in Turtle Tracks. The student uses commands to direct a turtle across the screen as the turtle draws in a variety of colors and shapes and sings notes over a range of several octaves. Students can walk the turtle through a program in order to track down their mistakes. For ages 8-12.

EDUCATION

SOCIAL SCIENCES

For further information, circle
Reader Service Number 235.

Across the Plains

MicroEd
49.95

Two disks store this interactive program that explains the migration of American emigrants across the Great Plains to the West Coast. The program includes 20 full-screen digitized pictures.

Agent USA

Scholastic
29.95

Students and Agent USA must follow clues to find and disarm the FuzzBomb. To track the FuzzBomb, the players must learn to read and interpret time schedules, maps, and train routes. The program includes color graphics and sound effects. For ages 9-15.

European Nations and Locations

Designware
Distributed by Britannica Software
29.95

Players ages 9-Adult can learn about the geography, landmarks, capitals, history, and current events of European nations as they travel about Europe via this game. Individual questions and answers can be added to the game. For 1 or 2 players.

Expeditions

MECC
35.00

Three different programs allow students to assume the roles and make the decisions of pioneers in frontier America. The package also includes Oregon, a game that recreates traveling across the country by covered wagon in 1847. For grades 3-7.

Fun Facts II

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* features hundreds of lessons in

math, language, science, and social studies. Designed for ages 6-9.

Geography

MECC
35.00

Students can learn the shapes, geographic regions, and capital cities of the 50 United States. The program also covers the capital cities of 91 countries and the continents on which the countries are located. For grades 4-10.

History

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* features lessons on explorers, composers, artists, famous battles, and other topics in history. Designed for students ages 9-Adult.

Lewis and Clark Expedition

MicroEd
49.95

This five-disk set helps American history students learn about the expeditions and achievements of Lewis and Clark. The programs feature 50 digitized photographs and drawings.

Math and Social Studies

Advanced Ideas
Master Match
19.95

This LearningWare package for the *Master Match* program features intermediate and advanced lessons in math and social studies. The program is designed for students ages 9-11.

North America Databases

Sunburst Communications
Bank Street School Filer
59.00

The program is designed to be used in conjunction with the *Bank Street School Filer*. Databases include an atlas, a file on Canada, a file on food and books, a glossary of key vocabulary, and a news file students can build themselves. The package includes the reproducible program disk and backup disk, along with a teacher's guide.

People, Places and Things

Advanced Ideas
The Game Show
19.95

People, Places and Things contains 49 sample lessons to use with *The Game Show*. Topics include world history and geography, world explorers, U.S. presidents and history, and famous U.S. documents. Designed for ages 9 and up.

Social Sciences

American Educational Computer
19.95 each

Social Sciences is a series of programs to help students learn about geography, government, and history in the U.S. and throughout the world. Each program contains 35 lessons, and 10 lessons can be added. Titles are sold separately for \$19.95 each and include U.S. Geography (grades 5-8), World Geography (grades 8-12), World History (grades 8 and up), U.S. History (grades 5-12), U.S. Government (grades 10 and up).

Social Studies Elementary Series

Advanced Ideas
The Game Show
49.95

This LearningWare package for *The Game Show* covers social studies topics for grades 3-6. The package contains the program disks, documentation, and lesson-planning aids. Each individual grade-level disk can also be purchased for \$19.95.

Space Commander States and Capitals Game

Gamco
44.95

Players must collect power packs to refuel their planes after landing on a strange planet. Power packs are obtained by correctly answering questions on the states and their capitals. Quizzes include identifying states on a map, locating states on a map, abbreviating state names, spelling state names, naming capital cities, and spelling capital cities. There is also a record management program for teachers that holds up to 200 student names and scores.

States and Capitals

Gamco
44.95

Eight lessons help students learn to locate the 50 U.S. states, their capital and main cities, and the abbreviations for the states. Each lesson is divided into four geographical regions, and a map for each region is drawn on the screen. Students who successfully complete a lesson are rewarded with an arcade game. Teachers can record up to 200 students' names and scores with the management program.

States and Traits

Designware
Distributed by Britannica Software
29.95

One or two players can test their knowledge of U.S. geography, history, and current events with this game. The outlines of the states must be dragged to the correct position on a U.S. map, and then the answers to questions about the states can be dragged to the state. Bonus points are awarded for quick answers, and incorrect answers reappear later in the game. Custom questions and answers may also be added to the game. For ages 9-Adult.

Transcontinental Railroad

MicroEd
29.95

The building of the transcontinental railroad from 1865 to 1869 is covered in this educational program. It includes digitized pictures created from photographs taken during that period.

United States Databases

Sunburst Communications
Bank Street School Filer
59.00

The program is designed to work with the *Bank Street School Filer*. Databases include a general file containing demographic, political, and historical information about each of the 50 states; files on climate, economy, books; a glossary of key vocabulary; and a file students build themselves by entering information about their U.S. travels. The package includes a reproducible program disk and a backup disk, plus it includes a teacher's guide.

U.S. Geography Quiz

American Educational Computer
7.99

This program contains 20 lessons on the geography of the United States, including states, cities, capitals, mountains, and rivers. For grades 5-Adult.

U.S. Government Quiz

American Educational Computer
7.99

The *U.S. Government Quiz* contains 20 lessons on the structure of the U.S. government. Topics include early colonial experiences and financing the current government. For grades 10-Adult.

U.S. History Quiz 1

American Educational Computer
7.99

This program contains 18 lessons that present questions about dates, facts, and events in the history of the United States from the discovery of America to the Reconstruction period. For grades 5-Adult.

U.S. History Quiz 2

American Educational Computer
7.99

This program contains 17 lessons on U.S. history covering the period of the western settlers to current events. For grades 5-Adult.

Win with Words I

Advanced Ideas
The Game Show
19.95

This LearningWare package for *The Game Show* contains 34 sample lessons covering language arts and social studies topics such as word recognition, word endings, vowel sounds and word formation, and elementary U.S. and European geography and history. Designed for students ages 6-9.

Win with Words II

Advanced Ideas
The Game Show
19.95

Win with Words II is a LearningWare package to use with *The Game Show*. It includes 40 sample lessons from the language arts and social studies curricu-

lum. The lessons include word endings, compound words, homonyms, elementary U.S. and world history, and science topics. Designed for students ages 9-11.

World Geography Quiz

American Educational Computer
7.99

World Geography Quiz contains 20 lessons on the geography of the world, including continents, countries, capitals, cities, waterways, and oceans. It is designed for grades 8-Adult.

World History Quiz 1

American Educational Computer
7.99

World History Quiz 1 contains 20 lessons on world history covering prehistoric times to the beginnings of democracy. For ages 8-Adult.

World History Quiz 2

American Educational Computer
7.99

World History Quiz 2 contains 17 lessons on world history from the industrialization of the world to current events. For grades 8-Adult.

You and Your World

Advanced Ideas
The Game Show
19.95

You and Your World is a LearningWare package to use with *The Game Show*. It includes 30 sample lessons from the Social Studies curriculum including U.S. and world geography, American government, communities and environments, world culture, and history. The program is designed for ages 6-8.

Young Explorer

Advanced Ideas
Tic Tac Show
19.95

This LearningWare program for *Tic Tac Show* features hundreds of lessons to help young learners to explore the world around them. Designed for students ages 4-8.

SELF-HELP

For further information, circle
Reader Service Number 236.

Keyboard Cadet

Mindscape
29.95

Students can learn to use a typewriter or computer keyboard with this typing program. Onscreen graphics show correct finger placement, and there are options for both Dvorak and QWERTY keyboards. Students can choose speed and level of difficulty for the tutorials; timed-typing tests are included. Progress for up to 100 students can be recorded. The educational package includes backup disks and manuals. A lab pack is available for \$59.90. For grades 2-12.

Keys to Responsible Driving

Mindscape
89.95

Keys to Responsible Driving offers instruction in safe driving methods and techniques. It covers driving topics such as signs and regulations, city driving, driving under the influence, handling, and maneuvering. The booklet which is included provides information on driving laws, accidents, and driving terms. The package contains two disks with backups, a teacher's guide, and the manual *Guide to Safe Driving*. Lab packs can be purchased for \$179.90. For grades 10-Adult.

Kids on Keys

Spinnaker Software
20.95

Children can learn how to use the keyboard as they identify letters, numbers, and words from images appearing on the screen. Ages 4-9.

Mastering the ACT

Mindscape
79.95

Mastering the ACT program simulates taking the ACT and covers all areas of the test—English, math, social studies, and natural sciences. A scoring analysis is provided to show weak and strong points. Up to seven students can be tracked at one time. Two additional

tests are found in the student workbook. A package including six disks with backups and a workbook sells for \$109.95. Lab packs are available for \$219.90. For grades 10-12.

Mastering the GRE

Mindscape
150.00

Post-high school students planning to take the Graduate Record Exam can use this program to practice taking the test and to assess strengths and weaknesses. The program includes two complete exams and several exercises. The package contains four disks and a student workbook.

Mastering the SAT

Mindscape
79.95

This four-disk set helps high school students prepare for the SAT by offering practice in test taking and emphasizing the principles involved in answering the questions. There are two full-length tests on disk and two more in the workbook, plus there is an onscreen timer to help users adjust to timed tests. All areas of the SAT are covered by the program. A package with backup disks and workbook sells for \$109.95. A lab pack is available for \$219.90.

MasterType

Mindscape
39.95

This typing program helps students learn to touch-type and to improve their skills in using a computer keyboard. The program encourages the students to watch the screen rather than their fingers by offering onscreen prompts. There are 18 levels, from single letters to words and symbols. The package includes a user's guide. A lab pack is available for \$79.90.

Mavis Beacon Teaches Typing

The Software Toolworks
Distributed by Electronic Arts
39.95

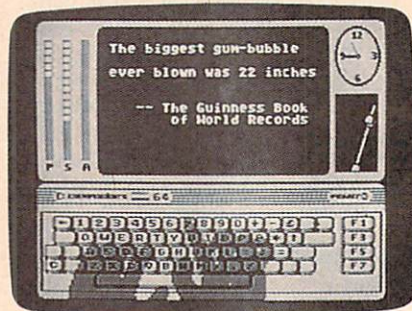
Youngsters and adults can use this program to learn to type. Lessons are drawn from a database of over 1000 passages from notable writings, jokes, riddles, and rhymes, plus facts and records from *The Guinness Book of World*

Records. The program employs graphics and artificial intelligence to aid in the lessons, using a detailed keyboard and animated hands to type along with the student. A metronome option helps keep time, and the watch-Mavis-think window allows the user to watch the computer in action. There is a résumé feature to help potential job candidates.

The Perfect College

Mindscape
19.95

Information on 1650 four-year colleges and universities is contained in this database, stored in five main categories. The basics section lists information such as name, location, size, setting, climate, and cost. Competitiveness includes information on test scores, average GPA, and percentages. Academics, student life, and admissions provide additional information to help students choose which school to attend.



Animated hands show the proper position for typing each key in Mavis Beacon Teaches Typing.

The Perfect Score

Mindscape
69.95

The Perfect Score helps students in grades 10-12 improve their skills for taking the SAT. The program contains six double-sided disks to test the six formats of the SAT. There are learning and testing modes, and an onscreen clock helps simulate a timed test. Test scores can be printed. *The Perfect College* is included in the package.

Remember!

Britannica Software
printer optional
49.95

Remember! is designed to help anyone ages 12 and up organize and recall material. It can be used to organize words,

definitions, explanations, and lists. The program provides written, pictorial, and musical hints to help the user recall the information. There are also ways for users to test themselves. The manual includes information on human memory and learning techniques. French and Spanish vocabulary disks are available for language students, and high school students can practice for the SAT with additional vocabulary and math skills disks.

Simon and Schuster's Computer Study Guide for the SAT

Simon and Schuster
29.95

Lovejoy's Preparation for the SAT offers students practice in taking SAT-type tests and explains why answers are correct or incorrect. The program contains two timed practice exams, 25 practice modules, help screens, an onscreen scratch pad, and a four-function calculator to use during practice. The utility program can calculate and graph projected SAT scores and the student's progress. There are 60 pages of tips and strategies on taking the SAT, rules of grammar, sentence construction, and mathematics. There is also a copy of *Lovejoy's Concise College Guide* which lists information on admissions, programs, and environment for many colleges.

Stickybear Typing

Weekly Reader Family Software
29.95

Graphics help explain the concepts of typing to any age group. The program includes three activity games to sharpen computer and typewriter keyboard skills. There are multiple levels of difficulty, and individuals' progress and results can be stored on a disk.

Type!

Bröderbund
19.95

Type! is a typing-instruction program for anyone learning to type. The program uses graphs to show how the student is progressing and lists the most common errors. A variety of exercises are included.

Typing

Gamco
44.95

Six lessons with three levels each can help students learn to type and improve their typing speed. Lessons cover the home keys, top row, bottom row, uppercase letters, numbers, and a speed test. Skill levels include location drills, technique practice, and continuity practice. The speed test can be taken for one, three, or five minutes. Students who reach a predetermined score can play an arcade game. There is also a record-management program for teachers that holds as many as 200 student names and scores.

Typing Teacher

Future Age Computers
29.95

Typing Teacher is designed for the beginner through the expert with typing speeds up to 350 words per minute. The program features 16 lessons that have color-coded keyboard drills. Lesson 16 also has 118 narrative, changeable tests in 40- or 80-column mode to help the user improve his or her typing and reading skills. In addition to learning the keyboard, a Typing Reference Guide is included to teach rules for punctuation and spacing, proper state abbreviations, and examples of block and indented letter forms.

Typing Tutor IV

Kriya Systems
Distributed by Simon and Schuster
39.95

Typing Tutor IV automatically adjusts its lessons to the student's abilities and progress. At the beginning, the program determines the user's typing ability and then it sets progress goals, taking into consideration the speed to achieve and the amount of time for practice. After each lesson, the program analyzes the lesson and reports on average speed and accuracy. In subsequent lessons, the program offers additional drills for those areas that were weak. With the natural language generator, students can type actual words and phrases during the lessons, and typists can backspace and correct their mistakes as they type. Letter Invaders is an arcade-style game that is included in the program for additional typing practice. As the typist's abilities

increase, the game automatically becomes faster. The instructor's section can hold records for as many as eight students as well as test encryption and password protection.

Typing Tutor + Word Invaders

Academy Software
24.95

This program teaches touch-typing, starting with the home keys and automatically advancing to new keys in gradual steps as the user's skill develops. During the lesson, mistakes are immediately identified and the user's typing speed is indicated. The *Word Invaders* typing game allows the user to have fun while practicing typing. Players must blast invading words out of the sky before their base is destroyed. The game speed can be adjusted for beginning students to advanced touch-typists.

TEACHING, COACHING, AND ADMINISTRATIVE AIDS

For further information, circle Reader Service Number 237.

Crossword Magic

Mindscape
29.95

Crossword Magic can be used to create crossword puzzles for any subject area—math, history, geography, or spelling. The puzzle accepts numbers and operation symbols, and selected letters can be printed to provide clues. The puzzles, clues, and answer keys can be printed. For grades 2–12. A package including a program disk, backup, teacher's manual, and user's manual is available for \$59.95.

The Game Show

Advanced Ideas
disk drive
34.95

The Game Show uses a quiz-show format to help players develop vocabulary and thinking skills. Questions start with general clues and then become more specific, helping players use logical thinking and deductive reasoning.

Flashing lights and cheering teammates reward correct responses. The program comes with 15 subject areas designed for a range of age groups and skill levels. Additional LearningWare disks are also available. An authoring system allows the user to add to any subject category.

Grade Manager

Associated Computer Services
69.95

A menu-driven program to help teachers keep track of students' grades, *Grade Manager* handles up to 50 students with 48 grades in one file. ID numbers can be assigned to students, and student names can be added, changed, and deleted. The program converts grades to a 100-point scale, and teachers can define eight grading categories. Reports such as class roster, attendance, grade list, and average sheets can be printed.

The Millage Cost

Cormar Industries
22.95

This program can be used for voter surveys or as a call-in service to provide information. It is designed for school districts campaigning for a millage increase. A version for the State of Michigan only is available for \$14.95.

Muppet Learning Keys Toolkit

Sunburst Communications
Muppet Learning Keys
40.00

The program is designed for programmers and gives the user the information necessary to read the *Muppet Learning Keys*. The disk contains routines to add to the existing programs so that they will operate with *Muppet Learning Keys*. Knowledge of BASIC language is required to implement the routines.

Puzzles and Posters

MECC
45.00

Teachers can design word-search puzzles, crossword puzzles, posters, and banners with this game. The teacher enters the words, and the program can create the puzzles. The print option features a variety of letter styles and formats.



Students compete in a TV-like quiz show to answer questions in categories such as history, geography, and science in *The Game Show*.

Quiz Master

T and L Software
34.95

Teachers and parents can use *Quiz Master* to create tests and quizzes with up to 100 questions each. Formats include true-false, multiple choice, essay, fill-in-the-blank, trivia games for one to six players, and combinations. The questions can be categorized and searched at random using numbered selections or multiple-string searches. The program has printout capabilities and includes onscreen documentation.

Readability Analysis

Gamco Industries
44.95

Readability Analysis can be used by teachers to determine the reading level of written material. The teacher types in an appropriate passage and the computer counts syllables, words, and sentences. It calculates average word and sentence length, and word difficulty. The teacher may choose from three readability tests: Spache Primary Reading Formula, Dale-Chall Readability Formula, or Fry Readability Scale.

Speech-Review

Hilltop Speech and Language Services
printer recommended
15.00

Speech-Review is available in two versions—one for preschoolers and one for students in grades K-3. The program can be used by parents and teachers to monitor the language and speech development of children and aid in detecting possible speech, language, or hearing problems. If a problem is sus-

pected, the program instructs the adult to contact a specialist. The program includes onscreen instructions and some printed documentation. Each version is sold separately for \$15.

Teachers Gradebook

McConnell Software
29.95

The *Teachers Gradebook* can be used to keep track of grades—weighted grades, percentages, and letter grades. Options include dropping the lowest grade and merging files.

Test Generator

Gamco Industries
54.95

With this program, teachers can enter up to 500 questions for creating tests. The program supports five types of tests—fill in the blanks, multiple choice, matching, true or false, and short answer or essay. Questions can be classified by chapter, subject, and skill. The questions and tests may be reviewed, edited, deleted, and printed.

Tic Tac Show

Advanced Ideas
34.95

Tic Tac Show is an animated quiz show where an emcee asks questions from 14 subject areas. Questions are in the form of multiple choice, fill in the blank, question and answer, and true or false. An authoring system allows users to add to the program. An optional library of LearningWare diskettes expands the program even further. Designed for age 4 to adult.

Word Search Puzzles

Gamco Industries
44.95

Teachers can enter word lists to create word-search puzzles. Teachers can choose which list to use, the number of words to be hidden, the number of rows and columns to use, and the direction in which the words will appear (vertical, horizontal, forward, backward, or diagonal). Several puzzles can be designed using the same words. An answer key is automatically printed with each set of puzzles.

Sometimes we can't get everything in by the due date, so we added these last pages to accommodate the software programs that didn't make it in time for the categorized listings. You'll find the manufacturer's address in the main listing, and each title is included in the index.

Army Moves

Thunder Mountain
Distributed by Mindscape
9.95
War game

Players encounter three different battle modes: jeep, helicopter, and foot combat. The object of the game is for players to fight their way to the heart of the enemy's stronghold.

Battalion Commander

Thunder Mountain
Distributed by Mindscape
14.95
War game

Players assume the role of lieutenant colonel in charge of an armored battalion. The commander must issue swift commands and arm and move his forces.

Cyrus Chess

Thunder Mountain
Distributed by Mindscape
9.95
Board game

This chess game is designed for any level of play, from beginner to tournament, and for players of all ages. Features include online instruction and nine different skill levels.

Demolition Mission

Thunder Mountain
Distributed by Mindscape
9.95
Space game

There are eight orbiting space stadiums in this space-age demolition derby. The pilot drives an Alleykat Space Racer around 32 different racetracks, each over 20 screens long. The game features arcade-type graphics and sound effects.

Doc the Destroyer

Thunder Mountain
Distributed by Mindscape
9.95
Arcade game

Players assume the role of Doc and must choose power and strength to outwit and outmaneuver the mutants and monsters in a fight to the finish.

Dreamteam Fantasy Football

MBI Software
printer and modem optional
14.99

Sports fans can form, manage, and enter competition with their own football teams within leagues they create using Fantasy Football. Each of the computer players drafts team

members, selects the starting line-ups, trades players, and plans game strategies. A group of players can work together to create season schedules and develop a complete fantasy league, playing their teams against each other in the league each week. The players on each fantasy team receive credit for the touchdowns, sacks, fumbles, and tackles their real-life counterparts have completed that week. Weekly game results and statistics can be accessed through database on CompuServe. The package includes free connect time and a modem communications package.

Equinox

Thunder Mountain
Distributed by Mindscape
9.95
Arcade game

Players must dispose of deadly, radioactive canisters and avoid aliens in a futuristic mining complex. The game features multiple levels and color graphics.

Felony

Thunder Mountain
Distributed by Mindscape
Adventure game
9.95

Players must use deduction as they search for clues to solve 12 different cases in this mystery adventure.

Fortress

Thunder Mountain
Distributed by Mindscape
joystick optional
14.95
Board game

The object of this game is to capture a fortress, occupy it, and dominate the countryside surrounding it. Two players can play against each other or one against the computer opponents—Genghis Khan, Count Vauban, Lord Maginot, Sir Galahad, and the Squire. The entire game lasts ten minutes.

Geopolitique 1990

Thunder Mountain
Distributed by Mindscape
14.95
War game

This simulation of international diplomacy and military confrontations offers challenging duties for the player.

The Great Escape

Thunder Mountain
Distributed by Mindscape
9.95
Adventure game

Game features include scrolling graphics and multiple escape paths with a variety of solutions.

Gun Runner

Thunder Mountain
Distributed by Mindscape
9.95
Adventure game

Players must blast their way through enemy airspace as they pilot their helicopter, attempting to save fellow comrades.

Implosion

Thunder Mountain
Distributed by Mindscape
14.95
Space game

Players must maneuver their spaceship against time to save the world from the destruction.

Jr. Pac-Man

Thunder Mountain
Distributed by Mindscape
9.95
Arcade game

Jr. Pac-Man is based on the arcade game, in which the son of Pac-Man must gobble dots through the maze to earn points.

Lie Detector

Nationwide Computer Industries
9.95

Lie Detector is a solve-the-murder text game with more than 6000 scenarios. For 1-8 players.

Math Football: Fractions

Gamco
44.95
Education, math

Players can compete at a high school, college, pro, or Super Bowl level to practice solving problems involving addition, subtraction, multiplication, or division with fractions. Difficulty levels are described as running plays, short passes, long passes, and punts. Players advance down the field with each correct answer. A student-management program for teachers is also included.

Mr. Pixel's Cartoon Kit

Thunder Mountain
Distributed by Mindscape
9.95
Drawing program

Children can create animated cartoons by using the program's collection of cartoons and characters or by drawing their own figures using menu commands.

Mr. Pixel's Programming Paint Set

Thunder Mountain
Distributed by Mindscape
9.95
Drawing program

A drawing program for children, the Paint Set helps students understand the basic concepts of computer-programming logic while they use the computer to draw. For ages 8 and up.

Murder by the Dozen

Thunder Mountain
Distributed by Mindscape
9.95
Adventure game

Players can work alone or with a team of up to three other detectives to solve 12 crimes. For teens and adults.

MusicWriter

Thunder Mountain
Distributed by Mindscape
9.95
Music composition

Users can compose their own songs with MusicWriter. The program is designed for beginners as well as experienced musicians.

Nam

Thunder Mountain
Distributed by Mindscape
joystick
14.95
War game

In this tactical war game of U.S. and Allied forces in Vietnam, beginning and intermediate players can test their command abilities with six historical scenarios. These scenarios include the Tet Offensive and jungle patrols. Units are rated for strength and effectiveness and are armed with rifles, machine guns, mortars, and rocket launchers. Play lasts 1-4 hours for one player.

Paradroid

Thunder Mountain
Distributed by Mindscape
9.95
Arcade game

Players must clear all of the mutinous droids from a freighter's 20 decks.

Prism Sports Pack

Thunder Mountain
Distributed by Mindscape
14.95
Sports game

Six different sports games are included on one disk—Turbo 64, Derby Day, Pilot 64, Handicap Golf, World Cup, and Test Match.

Prism Variety Pack #1

Thunder Mountain
Distributed by Mindscape
14.95
Adventure game

Six games are combined on one disk—Poras, AAGHI, Condor, Johnny Red, Egbert Skull, and The Fabulous Wanda.

Prism Variety Pack #2

Thunder Mountain
Distributed by Mindscape
14.95
Adventure game

Six games based on popular movies are included on one disk. The titles include View to a Kill, Friday the 13th, Code Name Mat II, The Pyramid, Beaky and the Eggsntachers, and Test Match.

SOFTWARE ADDITIONS

The Railroad Works

Thunder Mountain
Distributed by Mindscape
9.95

Miscellaneous games

Players can create their own railroad system and landscape across 12 screens. After they've completed the system, players can assume the role of engineer and gain points for successfully transporting cargo and passengers. For teens and adults.

Rambo: First Blood, Part II

Thunder Mountain
Distributed by Mindscape
9.95

Adventure game

In this action game, John J. Rambo fights to free American MIAs from an enemy POW camp and return to the United States. Trained by the Special Forces and armed with bow, knife, grenades, rocket launcher, and machine guns, Rambo must also fight to stay alive.

Rocket Ranger

Cinemaware
34.95

Scientists of the twenty-first century travel back to 1940 to alert the hero that the Nazis will win WWII. They supply a rocket suit, a ray gun, and a secret decoder wheel so the player can thwart the Nazis, change history, and save humanity. This

interactive game is modeled after Saturday-morning serials and includes arcade sequences, a nonlinear plot, music, and sound.

Rock 'N Roll Trivia

Thunder Mountain
Distributed by Mindscape
9.95 each
Trivia game

Music lovers can test their expertise with this trivia game. Each disk contains over 1000 questions and answers in six musical categories and three levels of skill. The five-volume set covers the "golden oldies" of rock-'n'-roll. Each volume is sold separately.

Scott Adams Adventureland (S.A.G.A. #1)

Thunder Mountain
Distributed by Mindscape
9.95
Fantasy game

This fantasy adventure is designed for ages 10 and up. Players travel through an enchanted world of magic, monsters, and other perils and puzzles.

Slot Car Racer

Thunder Mountain
Distributed by Mindscape
9.95
Sports game

Players can race on 17 actual road

courses or design their own with the integrated icon-based track designer. For one or two players.

Summer Challenge

Thunder Mountain
Distributed by Mindscape
14.95
Sports game

One to six players can compete in summer events including Fencing, Hurdles, High Dive, Triple Jump, and Skeet Shooting.

Super Pac-Man

Thunder Mountain
Distributed by Mindscape
14.95
Arcade game

Based on the arcade game of the same name, *Super Pac-Man* roams the maze looking for keys to unlock goodies while goblins attempt to stop him.

Tai-Pan

Thunder Mountain
Distributed by Mindscape
14.95
Adventure game

Based on the James Clavell classic, *Tai-Pan* combines trading skills, strategy, and combat action with seeking a fortune.

Tau Ceti

Thunder Mountain
Distributed by Mindscape
14.95
Space game

This space adventure features a 360-degree scanner, a four-way view screen, and infrared night sights for night battles.

Winter Challenge

Thunder Mountain
Distributed by Mindscape
14.95
Sports game

Players can compete in winter sporting events including Ski Jump, Downhill, Bobsled, Giant Slalom, and Biathlon. For 1-6 players.

Time Traveler

Nationwide Computer Industries
printer
39.95

With *Time Traveler*, players can find out what was happening on any date between 1900 and 1987. The program lists the results of the World Series, Academy Awards, prices, presidents, cost of an average home, average annual income, and significant headlines. Data can be printed on plain paper or pre-printed forms. Calendars can also be printed. The package includes tractor-feed microperf forms and camera-ready artwork for professional-looking printouts.

SOFTWARE PUBLISHERS NAMES AND ADDRESSES

Abacus
5370 52nd St. SE
Grand Rapids, MI 49508

Absolute Entertainment
Distributed by Mediagenic
3885 Bohannon Dr.
Menlo Park, CA 94025

Academy Software
P.O. Box 6277
San Rafael, CA 94903

Access
2561 S 1560 W
Woods Cross, UT 84087

Accolade
550 S. Winchester Blvd.
San Jose, CA 95128

ActionSoft
201 W. Springfield Ave.
Suite 711
Champaign, IL 61820

Activision
3885 Bohannon Dr.
Menlo Park, CA 94025

Advanced Ideas
2902 San Pablo Ave.
Berkeley, CA 94702

American Educational Computer
7506 N. Broadway Ext.
Suite 505
Oklahoma City, OK 73116

American Made Software
P.O. Box 323
Loomis, CA 95650

Arcadia
Distributed by Electronic Arts
1820 Gateway Dr.
San Mateo, CA 94404

Artificial Intelligence Research
Group
921 N. LaJolla Ave.
Los Angeles, CA 90046

Art Instruction Software
P.O. Box 1352
Patchogue, NY 11772

Artworx
1844 Penfield Rd.
Penfield, NY 14526

Aspen Glen Software
2350 Sixth Ave.
Suite 6H
San Diego, CA 92101

Associated Computer Services
1306 E. Sunshine
Springfield, MO 65804

Avalon Hill Game Company
4517 Harford Rd.
Baltimore, MD 21214

Avantage
Distributed by Accolade
550 S. Winchester Blvd.
San Jose, CA 95128

Batteries Included
Distributed by Electronic Arts
1820 Gateway Dr.
San Mateo, CA 94404

Baudville
5380 52nd St. SE
Grand Rapids, MI 49508

Berkeley Softworks
2150 Shattuck Ave.
Berkeley, CA 94704

Blank Software
1034 Natoma St.
San Francisco, CA 94103

Blue Chip Software
Distributed by Britannica Software
185 Berry St.
San Francisco, CA 94107

Blue Lion Software
90 Sherman St.
Cambridge, MA 02140

Britannica Software
185 Berry St.
San Francisco, CA 94107

Brøderbund
17 Paul Dr.
San Rafael, CA 94903

Buchanan Software
160 N. Fairview Ave.
Suite 146
Goleta, CA 93117

SOFTWARE PUBLISHERS NAMES AND ADDRESSES

Busy Bee
P.O. Box 2959
Lompoc, CA 93438

Byte Power
P.O. Box 80546
San Diego, CA 92138-0546

California Dreams
Distributed by Logical Design
Works
780 Montague Expwy.
Suite 403
San Jose, CA 95131

Capcom U.S.A.
1283-C Mountain View/Alviso Rd.
Sunnyvale, CA 94089

Cardinal Software
14840 Build America Dr.
Woodbridge, VA 22191

Central Point Software
9700 SW Capitol Hwy.
Portland, OR 97219

Chipmunk Software
Box 463
Battleground, WA 98604

Cinemaware
4165 Thousand Oaks Blvd.
Westlake Village, CA 91362

Columbia Software
5461 Marsh Hawk Way
P.O. Box 2235
Columbia, MD 21045

COMPUTE! Publications
Customer Service Dept.
P.O. 5188
Greensboro, NC 27403

ComputerEasy
414 E. Southern Rd.
Tempe, AZ 85282

Computer Heroes
P.O. Box 79
Farmington, CT 06034

Concept Development Associates
45 Cordova St.
St. Augustine, FL 32084

Consort Software
P.O. Box 1623
LaCrosse, WI 54601

Cormar Industries
3645 28th St. SE
Suite 250
Grand Rapids, MI 49508

Cosmi
415 N. Figueroa St.
Wilmington, CA 90744

Country Road Software
70284 C.R. 143
Ligonier, IN 46767

Covox
675 Conger St.
Eugene, OR 97402

Crystal Rose Software
109 S. Los Robles
Pasadena, CA 91101-2417

CW Data-Labs
P.O. Box 1401
Havertown, PA 19083

Data East
470 Needles Dr.
San Jose, CA 95112

Datasoft
19808 Nordhoff Pl.
Chatsworth, CA 91311

Datel Electronics
3430 E. Tropicana Ave.
Suite 67
Las Vegas, NV 89121

Davidson and Associates
3135 Kashiwa St.
Torrance, CA 90505

Designlab
P.O. Box 419
Owego, NY 13827

Digiscape Software
P.O. Box 113058
Carrollton, TX 75011-3058

Digital Solutions
2-30 Wertheim Ct.
Richmond Hill, Ont.
Canada L4B 1B9

DigiTek
10415 N. Florida Ave.
Suite 410
Tampa, FL 33612

Discovery Software International
163 Conduit St.
Annapolis, MD 21401

DLM
One DLM Park
200 E. Bethany Rd.
Allen, TX 75002

Dr. T's Music Software
220 Boylston St.
Suite 306
Chestnut Hill, MA 02167

DTJ Software
P.O. Box 669
Beatty, NV 89003

Electronic Arts
1820 Gateway Dr.
San Mateo, CA 94404

Epyx
PO Box 8020
600 Galveston Rd.
Redwood City, CA 94063

Family Software
3164 Surrey Ln.
Aston, PA 19014

Fearn and Music
519 W. Taylor
Suite 114
Santa Maria, CA 93454

First Row Software Publishing
900 E. 8th Ave.
Suite 300
King of Prussia, PA 19406

Free Spirit Software
P.O. Box 128
58 Noble St.
Kutztown, PA 19530

Future Age Computers
3 McCrary Dr. SW
Rome, GA 30161

Gamco
P.O. Box 1911
Big Spring, TX 79721-1911

Gamestar
Distributed by Mediagenic
3885 Bohannon Dr.
Menlo Park, CA 94025

Gessler Educational Software
900 Broadway
New York, NY 10003-1291

Gosselin Computer Consultants
P.O. Box 1083
Brighton, MI 48116

Harvsoft
58 Gorton St.
Buffalo, NY 14207

Hearsay
1825 74th St.
Brooklyn, NY 11204

Hilltop Speech and Language
Services
3330 Lewis Ave.
Long Beach, CA 90807

Hi Tech Expressions
584 Broadway
New York, NY 10012

IHT Software
2269 Chestnut St.
Suite 162
San Francisco, CA 94123

Infocom
125 Cambridge Park Dr.
Cambridge, MA 02140

Inkwell Systems
5710 Ruffin Rd.
San Diego, CA 92123-1013

Intracorp
14160 S.W. 139th Ct.
Miami, FL 33186

Kidsview Software
P.O. Box 98
Warner, NH 03278

Konami
815 Mittel Dr.
Wood Dale, IL 60191

Kriya Systems
Distributed by Simon and Schuster
A Gulf + Western Company
One Gulf + Western Plaza
New York, NY 10023

The Learning Company
6493 Kaiser Dr.
Fremont, CA 94555

Learning Technologies
13633 Gamma Rd.
Dallas, TX 75244

Marathon Software
P.O. Box 1349
641 Fort Worth St.
Jacksonville, TX 75766

MBI Software
2500 W. County Rd. 42
Burnsville, MN 55337

Mastertronic
711 W. 17th St.
Unit 9G
Costa Mesa, CA 92627

McConnell Software
P.O. Box 652
Marathon, NY 13803

MECC
Distribution Center
3490 Lexington Ave. N
St. Paul, MN 55126

Melbourne House
Distributed by Mastertronic
711 W. 17th St.
Unit 9G
Costa Mesa, CA 92627

Microcube Products
P.O. Box 488
Leesburg, VA 22075

MicroEd
P.O. Box 24750
Edina, MN 55424

MicroIllusions
17408 Chatsworth St.
Granada Hills, CA 91344

MicroProse
180 Lakefront Dr.
Hunt Valley, MD 21030

Midwest Software
P.O. 214
Farmington, MI 48024

Mindscape
3444 Dundee Rd.
Northbrook, IL 60062

SOFTWARE PUBLISHERS NAMES AND ADDRESSES

MSB Music Software
35 Hill St.
Naugatuck, CT 06770

Nationwide Computer Industries
205 McCormick Ave.
Hawkinsville, GA 31036

Origin Systems
136 Harvey Rd.
Building B
Londonderry, NH 03053

Paragon Software
600 Rugh St.
Suite A
Greensburg, PA 15601

Passport Designs
624 Miramontes St.
Suite 103
Half Moon Bay, CA 94019

P.A.V.Y. Software
P.O. Box 1584
Ballwin, MO 63022

Polarware Software
1055 Paramount Pkwy.
Suite A
Batavia, IL 60510

Powersoft
P.O. Box 7333
Bradenton, FL 34210

Professional Software (PSI)
51 Fremont St.
Needham, MA 02194

Progressive Peripherals and
Software
464 Kalamath St.
Denver, CO 80204

Quinsept
P.O. Box 216
Lexington, MA 02173

Rainbird
3885 Bohannon Dr.
Menlo Park, CA 94025

Saturn Software
9321 Sharon Dr.
Everett, WA 98204

Schnedler Systems
25 Eastwood Rd.
P.O. Box 5964
Asheville, NC 28813

Scholastic Software
2931 E. McCarty St.
P.O. Box 7502
Jefferson City, MO 65102

Scorpion Software
19 Harbor Dr.
Lake Hopatcong, NJ 07849

Self-Help Legal Services
P.O. Box 10694
Minneapolis, MN 55440

ShareData
7400 W. Detroit St.
Suite C-170
Chandler, AZ 85226

Sierra On-Line
P.O. Box 495
Coarsegold, CA 93614

Signal Computer Consultants
P.O. Box 18222
Dept. 39
Pittsburgh, PA 15236

Simon and Schuster Software
A Gulf + Western Company
One Gulf + Western Plaza
New York, NY 10023

Sir-Tech Software
PO Box 245
Charlestown Ogdensburg Mall
Ogdensburg, NY 13669

Soft-Byte Computer Programs
PO Box 556
Forest Park
Dayton, OH 45405

Soft Lore
P.O. Box 131
Dept. CG
Mauretown, VA 22644

Softsync Software
162 Madison Ave.
New York, NY 10016

Software Exchange
P.O. Box 5382
West Bloomfield, MI 48033

Software Simulations
959 Main St.
Stratford, CT 06497

Software Support International
2700 NE Andresen Rd.
Suite A-1
Vancouver, WA 98661

The Software Toolworks
Distributed by Electronic Arts
1820 Gateway Dr.
San Mateo, CA 94404

SOGWAP Software
115 Belmont Rd.
Decatur, IN 46733

Solid Gold Software
Distributed by Mediagenic
3885 Bohannon Dr.
Menlo Park, CA 94025

Sonus
21430 Strathern St.
Suite H
Canoga Park, CA 91304

SoundWare
P.O. Box 1913
Nederland, TX 77627

Spectrum HoloByte
2061 Challenger Dr.
Suite 325
Alameda, CA 94501

Spinnaker Software
One Kendall Sq.
Cambridge, MA 02139

Springboard
7808 CreekrIDGE Circle
Minneapolis, MN 55435

Statistical Game Analysis
5668 S. Chagrin
Mentor, OH 44060

Stone and Associates
7910 Ivanhoe Ave.
Suite 319
La Jolla, CA 92037

Strategic Marketing Resources
P.O. Box 2183
Ellisville, MO 63011

Strategic Simulations
1046 N. Rengstorff Ave.
Mountain View, CA 94043

Strategic Studies Group
1747 Orleans Ct.
Walnut Creek, CA 94598

Strategy Software
909 Carol Ln.
Fairbanks, AK 99712

SubLogic
713 Edgebrook Dr.
Champaign, IL 61820

Sunburst Communications
39 Washington Ave.
Pleasantville, NY 10570

Suncom
290 Palatine Rd.
Wheeling, IL 60090

Superior Micro Systems
P.O. Box 713
Wheeling, IL 60090

Supra
1133 Commercial Way
Albany, OR 97321

T & L Software
P.O. Box 642
Altus, OK 73522

Taito Software
TCO Software
P.O. Box 81504
Fairbanks, AK 99708

TCO Software
P.O. Box 81504
Fairbanks, AK 99708

Teja Soft
206 W. Denison
Robinson, TX 76706

Terrapin
376 Washington St.
Malden, MA 02148

Those Designers
3330 Lewis Ave.
Signal Hill, CA 90807

Three Sixty Pacific
2105 S. Bascom Ave.
Suite 290
Campbell, CA 95008

Thunder Mountain
Distributed by Mindscape
3444 Dundee Rd.
Northbrook, IL 60062

Timeworks
444 Lake Cook Rd.
Deerfield, IL 60015

UHL Research Associates
7926 Berner St.
Long Beach, CA 90808

Unicorn Software
2950 E. Flamingo Rd.
Suite B
Las Vegas, NV 89121

Unison World
Box 3056
Berkeley, CA 94703

Upstart Publishing
Dept. BG
P.O. Box 22022
Greensboro, NC 27420

U.S. Gold
Distributed by Epyx
PO Box 8020
600 Galveston Rd.
Redwood City, CA 94063

VEC Enterprises
P.O. Box 616
Muscatine, IA 52761

Walt Disney Software
Distributed by Bueno Vista
Software
Available only through retail stores

Weekly Reader Family Software
Optimum Resource
10 Station Pl.
Norfolk, CT 06058

Where It's Soft!
P.O. Box 88246
San Diego, CA 92108

Xetec
2804 Arnold Rd.
Salina, KA 67401

Xytec
1924 Divisadero
San Francisco, CA 94115

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INPUT DEVICES

JOYSTICKS

For further information, circle Reader Service Number 238.

Ace. One fire button on top of base; large control stick; eight-position control; product no. 820049. *Kraft*. \$5.95.

Bat Handle. Six-leaf switch assembly; two fire buttons—one on the stick and one on the base; limited two-year warranty. *WICO*. \$19.95–\$24.95.

Black Max. Big grip-style handle with a stick-mounted fire button; heavy-duty, shielded cable for minimum screen interference; designed for hand-held or tabletop use. *WICO*. \$9.95–\$11.95.

The Boss. PC board with five built-in leaf switches; grip-style handle with thumb fire button; four non-skid rubber feet; five-foot cord; limited one-year warranty. *WICO*. \$14.95.

Competition Pro Model 300X. Two fire buttons on the base, one on top, and a trigger-finger button; grip-style handle; four suction cups on base; two-year warranty. *Happ Controls*. \$10.95.

Competition Pro Model 1000. Red fire bar on sloped base; fluted control stick; two-year warranty. *Happ Controls*. \$6.95.

Competition Pro Model 5000. Two base-mounted fire buttons; ball-style control stick with steel shaft; microswitch control; two-year warranty. *Happ Controls*. \$17.95.

Epyx 500XJ. Designed to fit into the palm of the hand; trigger-finger fire button; five microswitches mounted at the top of the base for quicker response; clicks in eight positions; guaranteed for 10 million uses. *Epyx*. \$22.95.

Ergostick. Ergonomically designed to fit into the player's hand; hand-molded plastic surface with skinlike texture; fire button is next to the index finger. *WICO*. \$24.95.

Freedom Stick. Wireless, infrared, remote arcade joystick; automatic rapid fire; eight-direction micro action; two fire buttons; ball-type stick; one- or two-player modes. *Camerica*. \$69.95.

Hot Stuff. Grip-style handle; two fire buttons on base and two on stick; autofire feature; four suction feet; assortment of colors (pink/-almond, blue/almond, green/-almond, and yellow/black); one-year warranty. *Beeshu*. \$9.95–\$12.95.

ICONtroller. Compact joystick that fits onto the side of the computer keyboard; one fire button and control stick; works with GEOS. *Suncom*. \$19.99.

MazeMaster. Selector for four- or eight-way operation; positive stick mechanism; rapid-fire button; one- and two-button versions available; eight-foot cable; one-year limited warranty; product number 820013. *Kraft*. \$9.95.

MazeMaster Switch-Hitter. Two flat fire buttons; positive stick mechanism; eight-foot cable; either four- or eight-way stick motion; product number 820014. *Kraft*. \$11.95.

MicroFlyte ATC. Open-gimbal, pot-type joystick for use with *Flight Simulator II*; the main stick and four other switches control the throttle, brakes, guns (World War I mode), flaps, elevators, and aileron and rudder; includes software driver program. *Microcube*. \$59.95.

MicroMaster. Four fire buttons; grip-style handle; built-in microswitch and precision control; 90-day warranty. *Camerica*. \$24.99.



MicroFlyte ATC joystick.

Powerplayers Joystick. Hand-held joystick with pistol-grip-style base; bat handle joystick; trigger-finger fire button; long cable. *Mindscape*. \$29.95.

QS 101. Top- and base-mounted fire buttons; contour grip; suction cups to secure it to the tabletop. *QuickShot*. \$7.99.

QuickShot 102. Trigger-finger and top fire buttons; contour grip; autofire capability; securing suction cups. *QuickShot*. \$9.99.

QuickShot 111. Trigger-finger and top fire buttons; contour grip; microswitch control; autofire capability; suction cups on the base. *QuickShot*. \$18.99.

Red Ball. Red-ball grip that moves to eight positions; six leaf-type molded switches; two fire buttons activated by a base-mounted slide switch; four rubber grip pads on the bottom. One-year warranty. *WICO*. \$19.95–\$24.95.

Slik Stik. Base-mounted fire button; red-ball control stick with eight-position control; 90-day limited warranty. *Suncom*. \$9.99.

Star Fighter. Eight-position control; fire button on the base; two-year warranty. *Suncom*. \$11.49.

StarMaster. Grip-style handle; eight-position control; fire buttons on the base and handle; rubber suction on the base; designed for use with personal computers and

INPUT DEVICES

video-game systems. One-year limited warranty. Product number 820101. *Kraft*. \$6.95.

Super Three-Way. Gate-lock control to adjust from four to eight positions; three interchangeable handles—red ball, grip, and bat handle; 16 different playing options; two fire buttons; one-year limited warranty. *WICO*. \$29.95.

Tac2. Two base-mounted fire buttons; ball-type stick with eight-position control; two-year warranty. *Suncom*. \$14.99.

Tac3. Pistol-grip stick; two fire buttons on the base and one on the handle; two-year warranty. *Suncom*. \$16.49.

Tac5. Three fire buttons—two on the base and one on the handle; eight-position microswitch control; lifetime limited warranty. *Suncom*. \$19.99.

Terminator. Arcade-style, steel-shaft handle; two fire buttons; five-foot cord; 90-day warranty. *Camérica*. \$19.99.

Turbo Charge. Four fire buttons—two on the stick and two on the base; grip-style handle; eight-position control; 90-day warranty. *Camérica*. \$14.99.

Ultimate Superstick. Arcade-style joystick; microswitch control; four fire buttons for right- or left-handed play; two controls for fast or slow-motion autofire; slow-motion feature; four LEDs on fire buttons; ball-type stick; six suction feet; long cord. Product number 20804. *Bee-shu*. \$32.95–\$34.95.

Winner 100. Grip-style handle; fire button on handle and base; suction feet on base. *Contriver*. \$6.95.

Winner 220. Heavy-duty, arcade-style joystick; grip handle with trigger button and fire button on top; two fire buttons on base; eight-microswitch control. *Contriver*. \$16.95.

Winner 770. One-analog-type joystick; 360-degree directional movement; spring center return; fire button on bat-style handle; one-year warranty. *Contriver*. \$15.95.

Zipper. Stick-type handle; fire button on base; eight-direction control; long cord included; one-year warranty. Product number 30300. *Bee-shu*. \$7.99–\$9.99.

LIGHT PENS

For further information, circle Reader Service Number 239.

170C. Uses nose tip pressed against the screen to draw; enhanced electronic technology; documentation and demo disks included; can be used with *Flexidraw 5.5*. *Inkwell*. \$99.95.

184C. Trilobular-shaped (triangular) body; lightweight; uses two touch-surface buttons for drawing; includes documentation and demo disks; can be used with *Flexidraw 5.5*. *Inkwell*. \$59.95.

Picasso's Revenge. Light pen used to select draw tools such as colors, lines, circles, and text; pen is included with the drawing program. *Progressive Peripherals & Software*. \$59.95.

MOUSE DEVICES

For further information, circle Reader Service Number 240.

Commodore 1351 Mouse. Two modes of operation: joystick and mouse; for use with newer software such as GEOS. *Commodore*. \$49.95.

M-1 Mouse. Compatible with Commodore 1350 mouse; two control buttons; adjustable mouse speed; includes graphics and utility software with pull-down menu, load directory, scratch file, and browse features. *Contriver*. \$44.95.

M-3 Mouse. Two control buttons for three modes of operation: proportional or analog, joystick, and mouse; includes graphics and utility software for designing graphics, creating windows, managing files, and forming pull-down menus; compatible with GEOS, GEOS 128, and other graphics software. *Contriver*. \$54.95.

NUMERIC KEYPADS

For further information, circle Reader Service Number 241.

NKP. Pad with 14 keys: 0–9, +, –, ., and Return keys. *Computer Place*. \$49.95.

NKP Plus. Pad with 18 keys including all the NKP keys plus *, /, ', and ? keys. *Computer Place*. \$59.95.

NKP Deluxe. Pad with 22 keys, including all the keys of the NKP Plus and four cursor keys. *Computer Place*. \$69.95.

OTHER

For further information, circle Reader Service Number 242.

Animation Station. Computer design pad and graphics program; move stylus or finger across the pad to draw on the screen; pre-drawn pictures and geometric shapes included; works with Koala-Pad software; one-year warranty. *Suncom*. \$89.99.

ComputerEyes. A slow-scan video digitizer that plugs into the user port and a standard video source such as a videotape recorder; video images can be printed to screen or printer; software, hardware, and documentation are included; one-year warranty. *Digital Vision*. \$129.95.

INPUT DEVICES

Covox Voice Master. Speech digitizer and voice-recognition device for recording words and phrases; records, digitizes, and stores as many as 64 words at one time; bar graph of speech can be displayed; includes Speech Construction Set (a speech editor) and Voice Harp (a music-composition program). *Covox*. \$89.95.

Covox Voice Master Junior. Speech digitizer and voice-recognition device that plugs into the joystick port; built-in microphone; music, speech, and sounds can be saved to disk; up to 32 words can be used at one time. *Covox*. \$39.95.

HearSay 1000. A voice synthesizer and recognizer that can be used to control software verbally; plugs into the expansion slot; packaged with software that allows user-programmed speech; compatible with some commercial software such as text games; interactive software available from HearSay; fast-loading version is available. *HearSay*. \$59.95. Swift-load version, \$79.95.

Lip Stik Plus. A voice-activated control headset that can be used to control commercial games; uses a switched-voltage, positive-feedback-controlled amplifier. *Access*. \$24.95.

Muppet Learning Keys. Keyboard with letters and numbers in sequential order; features eight color keys; designed for preschoolers; includes software program, *Muppets on Stage*. *Sunburst Communications*. \$99.00.

PQ: The Party Quiz Game. Hardware and software package containing four paddle controllers, program disk, and question disk covering topics including the arts, history, sports, science, geography, and entertainment; four players can compete simultaneously to correctly answer the questions; varying levels of difficulty; additional packages of questions available. *Suncom*. \$29.95.

MANUFACTURERS NAMES AND ADDRESSES

**For further information, circle
Reader Service Number 243.**

Access Software
2561 S. 1560 W
Woods Cross, UT 84087
(801) 298-9077

Camercia Ltd.
230 5th Ave.
Suite 1100
New York, NY 10001
(212) 689-7810

Commodore Business Machines
1200 Wilson Dr.
West Chester, PA 19380
(215) 431-9100

Computer Place
23914 Crenshaw Blvd.
Torrance, CA 90505
(213) 325-4754

Contriver Technology
18325 Valley Blvd.
Suite A
La Puente, CA 91744
(818) 810-2705

Covox
675-D Conger St.
Eugene, OR 97402
(503) 342-1271

Digital Vision
66 Eastern Ave.
Dedham, MA 02026
(800) 346-0090

Epyx Software
P.O. Box 8020
600 Galveston Dr.
Redwood City, CA 94063
(415) 366-0606

Happ Controls
1251 Pagni Dr.
Elk Grove, IL 60007
(312) 593-6130

Inkwell Systems
5710 Ruffin Rd.
San Diego, CA 92123-1013
(619) 268-8792

Kraft Systems
450 W. California Ave.
Vista, CA 92083
(619) 724-7146

Microcube
P.O. Box 488
Leesburg, VA 22075
(703) 777-7157

Mindscape
3444 Dundee Rd.
Northbrook, IL 60062
(312) 480-7667

Progressive Peripherals & Software
464 Kalamath St.
Denver, CO
(303) 825-4144

QuickShot
A Division of Bondwell
47358 Fremont Blvd.
Fremont, CA 94538
(415) 490-4300

Sunburst Communications
39 Washington Ave.
Pleasantville, NY 10570-2898
(914) 769-5030

Suncom
290 Palatine Rd.
Wheeling, IL 60090
(312) 459-8000

WICO
6400 W. Gross Point Rd.
Niles, IL 60648
(312) 647-7500

COMMODORE 64/128 PUBLIC DOMAIN SOFTWARE

Thousands of programs on over 250 disks, categories available include business, education, games, lottery, graphics, music, programming, telecommunications, utilities and more. Send LSASE for listing or \$2 for descriptive catalog and sample disk (select from one of the above categories).

DISKS O'PLENTY INC.
7958 PINES BLVD., SUITE 270B
PEMBROKE PINES, FL 33024

Buyer's Guide To Modems

Model	Manufacturer	Compatibility	Interface Required?	Baud Rate	Auto-Answer	Auto-Dial	Self-Test	Carrier Detection Indicator	Power Supply	Cables/Connectors Included?	Terminal Software Included?	Warranty	Price	Comments
Expert 12e	Advanced Computer Technology	RS-232	yes	300/1200	yes	yes	yes	LED	battery	no	no	2 years	\$99	
Expert 24e	Advanced Computer Technology	RS-232	yes	300/1200/2400	yes	yes	yes	LED	battery	no	no	2 years	149	
Volkmodem 12	Anchor Automation, Inc.	64/128	no	300/1200	yes	yes	no	screen	external	no	no	5 years	199	
Vols 6480	Anchor Automation, Inc.	64/128	no	300/1200	yes	yes	no	screen	host computer	yes	yes	5 years	129	AutoCom Software
Anchor 1200E	Anchor Automation, Inc.	RS-232	yes	300/1200	yes	yes	no	screen	external	no	no	5 years	159	
Anchor 2400E	Anchor Automation, Inc.	RS-232	yes	300/1200/2400	yes	yes	no	screen	external	no	no	5 years	239	
Mini Modem C	Aprotek	64/128	no	300/1200	yes	yes	no	LED	host computer	telephone cable	yes	1 year	74.95	Hayes compatible
Mini Modem H	Aprotek	RS-232	yes	300/1200	yes	yes	no	LED	AC	telephone cable	yes	1 year	84.95	Hayes compatible
Avatex 2400	Avatex	RS-232	yes	300/1200/2400	yes	yes	yes	LED	AC	no	no	2 years	269	Hayes compatible
Avatex 1200HC	Avatex	RS-232	yes	300/1200	yes	yes	yes	LED	AC	no	no	2 years	149	Hayes compatible
Avatex 1200e	Avatex	RS-232	yes	300/1200	yes	yes	yes	LED	AC	no	no	2 years	99	Hayes compatible
MB2400EX	Cardinal Technologies	RS-232	yes	300/600/1200/2400	yes	yes	yes	LED	AC	telephone cable	no	1 year	299	
1660 Modem	Commodore Business Machines, Inc.	64/128	no	300	yes	yes	no		host computer	plugs into computer	yes	90 days	49.95	
1670 Modem	Commodore Business Machines, Inc.	64/128	no	300/1200	yes	yes	no		host computer	plugs into computer	yes	90 days	149.95	Hayes compatible
Digital Data 2400	Digital Data Systems	64/128	no	300/1200/2400	yes	yes	yes	LED	AC	no	yes	2 years	129.95	
Evercom 24E	Everex Systems	RS-232	yes	300/1200/2400	yes	yes	yes	LED	AC	yes	MS-DOS	1 year	399	Speaker phones, sliding volume control
Smartmodem 300	Hayes Microcomputer Products	RS-232	yes	300	yes	yes	yes	LED	AC	no	no	2 years	199	
Smartmodem 1200	Hayes Microcomputer Products	RS-232	yes	300/1200	yes	yes	yes	LED	AC	no	no	2 years	399	
MM-12 Mini Modem	Hisland	RS-232	yes	300/1200	yes	yes	no	LED	battery	AC adapter, battery, telephone cord	no	2 years	199	Hayes compatible
SM-12	Hisland	RS-232	yes	300/1200	yes	yes	yes	LED	AC	power adapter and telephone cord	no	2 years	110	Hayes compatible
SM-24	Hisland	RS-232	yes	300/1200/2400	yes	yes	yes	LED	AC	power adapter and telephone cord	no	2 years	210	Hayes compatible
Clear Signal 212A	Inmac	RS-232	yes	300/1200	yes	yes	yes	LED	AC	some	no	1 year	299	Part No. 8019
Clear Signal 300 Baud Modem	Inmac	RS-232	yes	300	no	no	yes	LED	AC	some	no	1 year	105	Part No. 8127
SmartLink 1200	Join Data Technology	RS-232	yes	300/1200	yes	yes	yes	LED	AC	AC adapter and telephone cord	MS-DOS	2 years	99	
SmartLink 2400	Join Data Technology	RS-232	yes	300/1200/2400	yes	yes	yes	LED	AC	AC adapter and telephone cord	MS-DOS	2 years	199	

Okitel 1200	Okidata	RS-232	yes	300/1200	yes	yes	yes	LED	AC	no	no	5 years	339	automatic adaptive equalization feature
Practical Modem 1200 SA	Practical Peripherals	RS-232	yes	300/1200	yes	yes	yes	LED	AC	yes	no	5 years	169	
Practical Modem 1200 SA mini	Practical Peripherals	RS-232	yes	300/1200	yes	yes	yes	LED	AC	no	no	5 years	129	5 x 4 x 1.1 inches in size
Practical Modem 2400 SA	Practical Peripherals	RS-232	yes	300/1200/2400	yes	yes	yes	LED	AC	no	no	5 years	239	
ProModem 1200	Prometheus Products	RS-232	yes	300/1200	yes	yes	yes		AC	telephone cable	no	2 years	199	512K buffer
ProModem 1200G	Prometheus Products, 64/128		no	300/1200	yes	yes	yes		AC	telephone cable	no	1 year	149	
ProModem 2400G	Prometheus Products, 64/128		no	300/1200/2400	yes	yes	yes		AC	telephone cable	no	1 year	249	
OMI200E	Qubié	RS-232	yes	300/1200	yes	yes	no	LED	AC	no	no	1 year	99	
OMI2400E	Qubié	RS-232	yes	300/1200/2400	yes	yes	no	LED	AC	no	no	1 year	169	
BT2400E	Qubié	RS-232	yes	300/1200/2400	yes	yes	no	LED	AC	no	no	1 year	169	
BT2400EP	Qubié	RS-232	yes	300/1200/2400	yes	yes	no	LED	AC	no	no	1 year	199	MNP error correction
Intec 1200c	Standard PC Industries	RS-232	no	300/1200	yes	yes	no	LED	AC	yes	yes	2 years	99.99	Modified port for use with 64/128
Intec 2400c	Standard PC Industries	RS-232	no	300/1200/2400	yes	yes	no	LED	AC	yes	yes	2 years	169.99	Modified port for use with 64/128
Supra Modem 2400CM	Supra Corporation	64/128	no	300/1200/2400	yes	yes	yes	LED	AC power adapter	yes	yes	1 year	219.95	Limited smart terminal software
Tm 110	Tandata Marketing	VIC-20, 64/128	yes	300	no	yes	no	screen	AC	no	no	90 days	228	ROM cartridge includes color terminal emulator, cables, and software, and is sold separately
Worldport 1200	Touchbase System	RS-232	yes	300/1200	yes	yes	no	LED	battery	no	no	2 years	199	Portable
Worldport 2400	Touchbase System	RS-232	yes	300/1200/2400	yes	yes	no	LED	battery	no	MS-DOS	2 years	359	Portable
TCM-1200H-Jr.	Trans Com	64/128	no	300/1200	yes	yes	yes	none	host computer	yes	yes	2 years	89.95	internal speaker
TCM-1200H	Trans Com	64/128	no	300/1200	yes	yes	yes	LED	host computer	yes	yes	2 years	149.95	
Sportsster 1200	US Robotics	RS-232	yes	300/1200	yes	yes	yes	LED	AC	telephone cable	no	2 years	149	
Sportsster 2400	US Robotics	RS-232	yes	300/1200/2400	yes	yes	yes	LED	AC	telephone cable	no	2 years	249	
UDS-103JLP	Universal Data Systems	RS-232	yes	300	yes	no	no	LED	telephone line	telephone cable	MS-DOS	1 year	165	
UDS-212ALP	Universal Data Systems	RS-232	yes	300/1200	yes	no	no	LED	telephone line	telephone cable	MS-DOS	1 year	195	
Ven-Tel 1200+	Ven-Tel Modems	RS-232	yes	300/1200	yes	yes	yes	screen	AC	no	no	5 years	349	

Modem Manufacturers and Distributors

Advanced Computer Technology, 123
1/2 E. Main St., Webster, MA 01570, (508)
949-0296

Anchor Automation, 20675 Bahama St.,
Chatsworth, CA 91311, (818) 998-6100

Aprotek, 1071-A Avenida Acaso, Cama-
rillo, CA 93010, (800) 962-5800, (800) 962-
3800 (in CA)

Avatec, Elec and Eltek (U.S.A.), 1230
Oakmead Pkwy., Suite 310, Sunnyvale, CA
94086, (408) 732-1181

Cardinal Technologies, 1827 Freedom
Rd., Lancaster, PA 17601, (800) 722-0094,
(717) 293-3000

Commodore Business Machines, 1200
Wilson Dr., West Chester, PA 19380, (215)
431-9100

Digital Data Systems, 28120 Dequindre,
Suite 208, Warren, MI 48092, (800) 888-
6088 Operator 100, (313) 355-0218

Everex Systems, 48431 Milmont Dr.,
Fremont, CA 94538, (800) 821-0806

Hayes Microcomputer Products, P.O.
Box 105203, Atlanta, GA 30348, (404) 441-
1617

Hisland, 780 Montague Expwy., Suite
104, San Jose, CA 95131, (408) 435-5076

Inmac, 470 Mercury Dr., Sunnyvale, CA
94086, (408) 737-8700

Join Data Technology, 14145 Proctor
Ave. #19, City of Industry, CA 91746, (818)
961-7003

Okidata, 532 Fellowship Rd., Mt. Laurel,
NJ 08054, (609) 235-2600

Practical Peripherals, 31245 La Baya
Dr., Westlake Village, CA 91362, (800) 641-
0814, (818) 991-8200

Prometheus Products, 7225 SW Bonita
Rd., Tigard, OR 97223, (503) 624-0571

Qubié, 507 Calle San Pablo, Camarillo,
CA 93010, (800) 821-4479, (805) 987-9741
(in CA)

Standard PC Industries, 21751 W. Nine
Mile Rd., Suite 122, Southfield, MI 48075,
(800) 628-2828

Supra, 1133 Commercial Way, Albany,
OR 97321, (503) 967-9075

Tandata Marketing Ltd., Distributed by
U.S. Telecom, 315 Greenwich St., New
York, NY 10013, (212) 925-0667

Touchbase Systems, 160 Laurel Ave.,
Northport, NY 11768, (800) 541-0345, (516)
261-0423 (in NY)

Trans Com, 703-13 Annoreno, Addison,
IL 60101, (312) 543-9055

Universal Data Systems, 5000 Bradford
Dr., Huntsville, AL 35805, For the name of
the distributor in your area, call (205) 721-
8000

U.S. Robotics, 8100 N. McCormick Blvd.,
Skokie, IL 60076, (312) 982-5010

Ven-Tel Modems, 2121 Zanker Rd., San
Jose, CA 95131, (800) 538-5121

PRINTERS

There are several printers designed to work specifically with the Commodore 64 and 128—with no separate interface required. This section of the Buyer's Guide represents a comprehensive list and description of all those available. Included are categories describing speed, pitch, buffer, paper feed, graphics capability, warranty, and price.

D 12/10

Blue Chip Electronics

Compatibility	Commodore interface included
Printer type	Daisywheel
Speed	12 cps
Pitch	10 cpi
Buffer	2K
Paper feed	Friction; tractor optional
Graphics Capability	No
Warranty	6 months
Price	\$269.00
Comments	Comes with <i>Fleetwriter III</i> word processor

D 20/10

Blue Chip Electronics

Compatibility	Built-in Commodore and Centronics interfaces
Printer type	Daisywheel
Speed	20 cps
Pitch	10 cpi
Buffer	2K
Paper feed	Friction; tractor optional
Graphics Capability	No
Warranty	6 months
Price	\$279.00
Comments	Comes with <i>Fleetwriter III</i> word processor

MPS-1250

Commodore Business Machines

Compatibility	Commodore serial, Centronics parallel
Printer type	Dot-matrix
Speed	24–120 cps
Pitch	5–12 cpi
Buffer	Available
Paper feed	Friction and tractor
Graphics Capability	Yes
Warranty	90 days
Price	\$299.95
Comments	

Okidata 180

Okidata

Compatibility	Commodore serial, Centronics parallel
Printer type	Dot-matrix
Speed	30–180 cps
Pitch	17 cpi
Buffer	2K
Paper feed	Friction and pin; tractor optional
Graphics Capability	Yes
Warranty	1 year
Price	\$329.00
Comments	

Okimate 20

Okidata

Compatibility	Serial, parallel (Commodore interface with Plug 'N Print kit)
Printer type	Thermal-transfer
Speed	40–80 cps
Pitch	17 cpi
Buffer	8K
Paper feed	Friction and tractor
Graphics Capability	Yes
Warranty	90 days
Price	\$268.00
Comments	Color printing capabilities

NX-1000C Multi-Font

Star Micronics

Compatibility	Commodore serial
Printer type	Dot-matrix
Speed	36–144 cps
Pitch	12 cpi
Buffer	1 line
Paper feed	Friction, tractor, and single-sheet feed; optional automatic sheet feeder
Graphics Capability	Yes
Warranty	1 year
Price	\$299.00
Comments	

NX-1000C Rainbow

Star Micronics

Compatibility	Commodore serial
Printer type	Dot-matrix
Speed	36–144 cps
Pitch	12 cpi
Buffer	1 line
Paper feed	Friction, tractor, and single-sheet feed; optional automatic sheet feeder
Graphics Capability	Yes
Warranty	1 year
Price	\$379.00
Comments	Color printing capabilities

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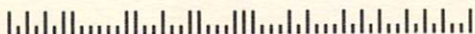
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Here's what some of those people have to say about Renegade:

- Thanks for (a) dream come true. *W.C., FL*
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- Finally, the last copier I'll need to buy!!!!!! *P.G., NC*
- Thanks for (your) user support! *A.S., TX*
- C64 owners have needed this for quite some time. *R.C., NY*

Renegade is a synthesis of the best utilities ever created by the best programmers ever assembled on a project of this nature. Not only is Renegade the only archival software a Commodore owner needs, it's so advanced it's now the only archival software we make. This means all our R&D effort goes into making sure that nothing else on the market comes close to Renegade's capabilities.

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In the software industry, companies live and die by consumer opinion. Some companies have to learn the hard way that people won't take unlimited abuse for very long. But in this volatile market, there's one thing we know for certain -- there are a lot of awfully tough critics out there saying things about us. And at Software Support International, we're working hard to make sure they keep right on talking.

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We declare Kracker Jax to be the best system of its kind on the market today! A bold claim? Maybe.

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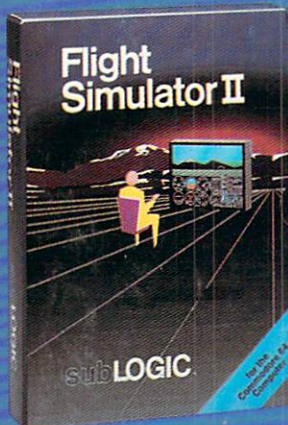
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