Radio Shack®
1990 Educational Products Guide

Tandy Computers

Hardware and Software Solutions for Today's
Curriculum and Administrative Needs

Radio Shack Understands Educational Needs

Radio Shack is dedicated to education. Since 1979, our Education Division has devoted its full-time effort to supporting Tandy/Radio Shack computers in the classroom. We offer one of the most comprehensive libraries of educational software available. Our professional Education Marketing organization of Education Marketing Managers and Education Specialists are specially trained to meet the instructional and administration objectives of America's educators. We are committed to helping you use Tandy computers efficiently and effectively.

Education in the 90s: Challenges of The New Information Technologies

Tandy Corporation's commitment to education is not confined to the United States, but encompasses a "global classroom." Each year, Tandy serves as underwriting sponsor for the International Conference on Technology and Education. Co-sponsored by such noted hosts as the University of Edinburgh, Scotland, the University of Texas at Austin and Microsoft Corporation, the conference is alternately held in Europe or the United States and is attended by delegates from more than 30 nations.

Tandy Educational Grants Program

Since 1982, Tandy Corporation's Radio Shack Education Division has administered the Tandy Educational Grants Program to encourage the successful implementation and application of microcomputer technology in American educational institutions. Over the years, more than 185 individual educators and public and private institutions have received a total of more than $1.75 million in Tandy computer equipment, software and peripherals through the Grants Program. All grant recommendations are made by a review board made up of distinguished American educators.
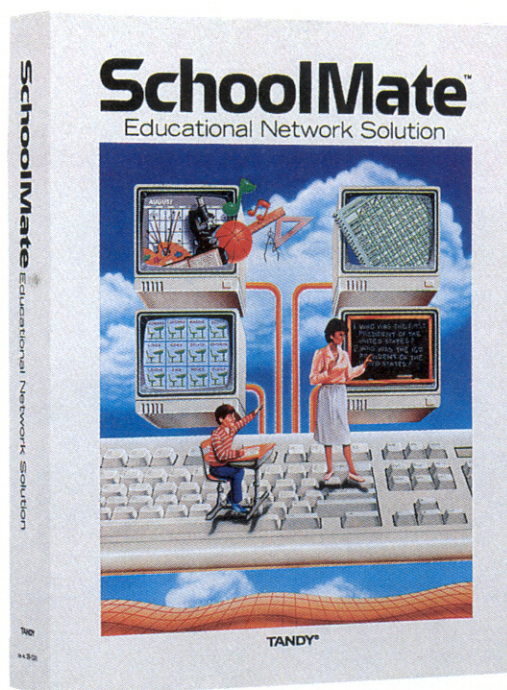
Tandy Computer Leasing

Tandy Computer Leasing offers a true lease for tax purposes, with a variety of monthly terms. For school systems, special fiscally funded contracts are available. Software, installation, training and taxes can be included in the lease, too.

SCHOOLMATE™....

- ■ Multi-Function School Network
- ■ Manage Assignments and Grading
- ■ Share Hardware and Software
- ■ Personalized Student Desktops

Radio Shack introduced the first affordable classroom network in 1979. The TRS-80 Network I reflected a teacher-centered philosophy with the teacher in control of the computer resources in the classroom. As generations of TRS-80 networks were introduced, features and performance were added—without abandoning this basic philosophy. Today, Radio Shack proudly offers its exclusive SchoolMate, a feature-packed MS-DOS network based on this same teacher-centered philosophy.

SchoolMate links together Tandy and other PC-compatible personal computers throughout the classroom, department or an entire school. Based on the industry-standard 3Com Network and the easy-to-use DeskMate interface, SchoolMate is a solid, cost-conscious solution for managing the instructional needs of students on microcomputers.

What makes SchoolMate different from other educational networks? First, the DeskMate interface simplifies the entire operation. Pop-up dialog boxes and pull-down menus replace hard-to-remember commands. A mouse and/or keyboard can be used.

Second, SchoolMate's COURSEWARE INSTALLATION is a very simple install procedure for adding software solutions to the network.

Third, no other school network includes—in its basic package—classroom management tools for the teacher. With SchoolMate, a teacher can easily create a class roster, set up a grade book, schedule lessons and generate exams.

SchoolMate represents ten years of classroom network experience by Tandy, the leading manufacturer of PC-compatible personal computers and the leader in classroom networking. SchoolMate is what teachers had in mind!

SchoolMate. 25-1241 . . . . 999.95

DESIGNED WITH TEACHERS IN MIND
SchoolMate's Built-In Classroom Management Tools

Lesson Scheduler
Teachers create software lessons to meet the instructional needs of their students. Lessons can be scheduled for one student, a group of students or an entire class on a daily, weekly and bi-weekly basis. Teachers can include individualized instructions with each lesson.

Roster
The Roster application is an information storage and retrieval system of student records. Teachers can add, maintain, delete and print student records for each class. Once entered, student names can be taken from the Student Master List to create new, up to the minute class rosters.
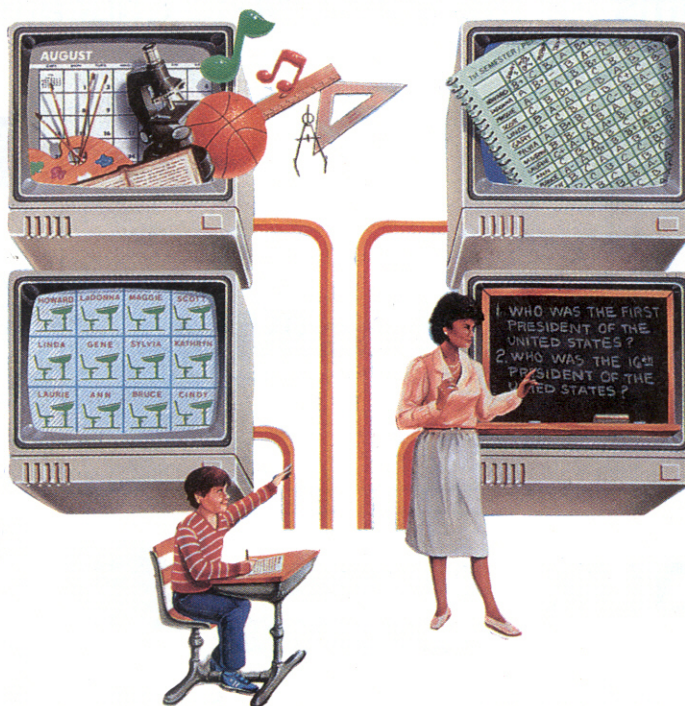
Grade Book
Teachers can record numeric, alphabetic and checkmark grades in up to six categories, including homework and exams. Teachers can use semester, trimester and quarter grading periods, automatically calculate student and class averages, and print individual or class grade reports.

Exam Maker
Create exams using multiple choice, true/false, matching, essay, fill-in-the-blank or multiple answer formats. Questions may include illustrations from DeskMate's DRAW. Exams may be printed as entered or in random order. Answer key is automatically generated with each exam.

Check-Out Grade Book and Exam Maker
A teacher's work is never done. But with SchoolMate's GRADE BOOK and EXAM MAKER teachers can record grades and create exams independent of the network. This unique "CHECK-OUT" option frees teachers from the network and allows them to use GRADE BOOK and EXAM MAKER on stand-alone computers—at home or in their classroom. When teachers are ready to move back to the network, they simply "CHECK-IN" the applications to update their GRADE BOOK and EXAM MAKER files.

SchoolMate Includes 3Com 3 + Share
SchoolMate includes the 3Com 3 + Share network server and station software with a special menu-driven installation. This industry-standard network supports many different servers and stations on several different network boards, including EtherLink and TokenRing/TokenLink. 3Com provides high speed performance, IBM compatibility, remote connectivity and enhanced functionality. SchoolMate requires a dedicated server, PC compatible workstations, MS-DOS 3.2 or later (3.3 or later with SL/TL stations), and network cards including EtherLink, TokenRing, TokenLink and TandyLink. Use of 3 + TurboShare and an EMS card is recommended on the server for all TandyLink networks with more than 10 workstations and EtherLink networks with 20 to 35 workstations. For more information on 3Com workgroup and related system components, see pages 20 and 21 of Catalog RSC-21.

SPECIFICATIONS. **System Requirements:** SchoolMate requires a 3Com Server or a dedicated PC server, and MS-DOS 3.2 or greater.
PC Server Requirements: Tandy 3000/4000 with at least 640K RAM or a Tandy 1000 TX/TL with 768K RAM, a 20MB hard disk drive and a TandyLink, Etherlink or TokenLink network card.
Station Requirements: Tandy 1000 with at least 640K RAM and a TandyLink or EtherLink network card. Tandy 1000 TL/SL require MS-DOS 3.3 or greater. Tandy 3000/4000 with at least 640K RAM and a TandyLink, EtherLink or TokenLink network card.

DeskMate Makes Teachers More Productive

DeskMate User Interface by Tandy

Turn a Tandy computer into an electronic resource center for teachers with DeskMate software.

DeskMate. With DeskMate's productivity applications (TEXT, WORKSHEET, FILER and the 80,000-word SPELL CHECKER) teachers can create tests, handouts and lesson plans; keep track of their classroom equipment; and manage student grades. As teachers extend their reach outside the classroom, DeskMate's telecommunications applications, Telecom and PC-Link, are there to lend a hand. Teachers can get creative by incorporating illustrations from DeskMate's DRAW application into SchoolMate's EXAM maker. DeskMate's personal management applications (CALENDAR, ADDRESS BOOK and PHONE LIST) help teachers organize their personal schedules, produce mailing labels and form letters to parents, and more. 25-1350 . . . . 99.95

DeskMate Workgroup Companion. Workgroup Companion's communications applications (TELEPHONE CENTRAL, FORUM, MAIL and TALK) allow teachers to create an in/out board and telephone message center, send action items, send electronic mail, and carry on a continuous dialog with other teachers. Teachers can take advantage of Workgroup Companion's resource sharing features. A shared ADDRESS BOOK/PHONE LIST minimizes lost time in searching for commonly used phone numbers. The shared CALENDAR offers the capability of time management and centralized scheduling throughout an entire school or department. With PRINT REDIRECTION teachers can automatically route printed output from any application to the specified printer. All you need is a copy of DeskMate at each station. Two computers can be connected using an RS-232 cable. 25-1251 . . . . 149.95

SCHOOLMATE CURRICULUM SOLUTIONS
Today's Leading Courseware Publishers Are Designing Their Programs for the SchoolMate Education Network
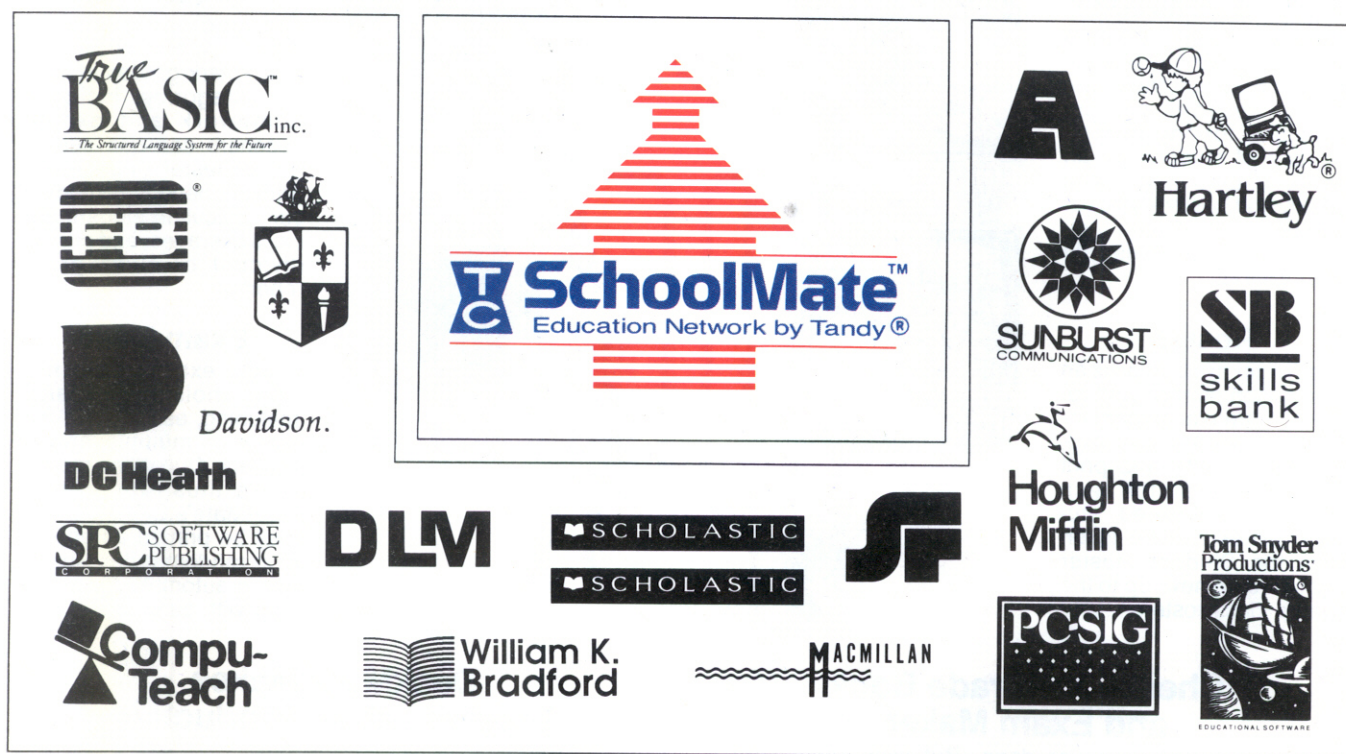
BASIC SKILLS

READING/LANGUAGE ARTS. Students are encouraged to learn how to read, to think about and understand what they have read, and to use spoken and written language appropriately with SchoolMate's Reading/Language Arts Curriculum Solutions. These solutions include Brick by Brick (Hartley Courseware, Inc.), Read, Write & Publish (D.C. Heath and Company), Wonderful World of Paws (South-Western Publishing Company) and Microcourse Language Arts (Houghton Mifflin Company).

MATHEMATICS. Awakening young students to the math that surrounds them and helping them to gain and use "mathematical power" is easy with the use of basic skills tutorial and problem solving products, such as Computer Drill And Instruction: Mathematics (SRA/Pergamon), Math Blaster Plus (Davidson), Arcademic Skill Builders In Math (DLM Teaching Resources) and Algebra, Calculus and Pre-Calculus (True BASIC).

SOCIAL STUDIES. TimeLiner (Tom Snyder Productions) can be used to help give historical events meaning and significance. With See The U.S.A. (Compu-Teach), students learn about the individual states and capitals while taking entertaining simulated cross-country trips.

SCIENCE. Students discover their world using the Key Into Science Series (Exceller Software). With these interactive software products, students will be able to test cause-and-effect relationships and draw conclusions in a manner similar to that of a real scientist. Students can learn how to act responsibly and avoid habit-forming substances with software from Substance Abuse Education.

COURSEWARE DEVELOPMENT

Teachers who want to create their own courseware will find the Scenario (TechByte) products invaluable. This powerful collection of products provides teachers with easy-to-use courseware development tools that can be used to present ideas and projects using text, graphics, music and voice.

ADULT LITERACY/ESL

There is a SchoolMate Curriculum Solution for the adult learner. Teachers can take Project STAR (Hartley Courseware) or CORE Reading (Educational Activities) and build a curriculum. By mixing and matching these and other courseware products, teachers create individualized instructional solutions that build upon student experiences. CORE Reading, a speech-based product, uses the built-in speech capabilities of the Tandy 1000 SL and Tandy 1000 TL. Guided writing software from Research Design Associates provides tools for students to help them assimilate their experiences and to make their learning activities more relevant.

BUSINESS EDUCATION

The Business Education teacher assembling a School-Mate Curriculum Solution will not be disappointed. Popular software titles from Houghton Mifflin Company and South-Western Publishing Company are available. To these core instructional products, the addition of productivity software, such as the Professional Series and PFS:First Choice (Software Publishing Corporation) and Tandy's own popular DeskMate integrated software, helps to round out the curriculum.

Look for the ⊞ **SchoolMate** Education Network by Tandy **symbol for SchoolMate Curriculum Solutions.**

WE'RE PARTNERS IN EDUCATION
Radio Shack is Working With Industry Leaders to Provide Solutions from the Office to the Classroom

ADMINISTRATORS

COLUMBIA COMPUTING SERVICES, LTD. Columbia Computing Services' administrative solutions streamline the management of student information, with systems designed specifically for elementary and secondary schools. Each of these systems is comprised of a set of integrated modules for managing and maintaining student scheduling, academic progress, attendance and student demographic records.

CTB/McGRAW-HILL. CTB/McGraw-Hill's Data Warehouse is a collection of information services and software solutions for school administration. The Data Warehouse features SCHOOLMASTER, WOS Fund Accounting Software and MIMS, Microcomputer Instructional Management System.

SCANTRON CORPORATION. SCANTRON is a leading manufacturer and retailer of optical mark reading (OMR)/ scanning equipment and forms used to score tests and tabulate data. SCANTRON scanners are used in a variety of administrative applications, including attendance, grade reporting, inventory control, survey analysis, record keeping, statistical tabulations, and more.

GUIDANCE COUNSELORS

Looking for the right college? A new career? Trying to help someone expand his options? Narrow her choices? You need information. The **Guidance Information System™** (GIS®) from Houghton Mifflin Company is a computerized source of national information about four-year colleges, two-year colleges, graduate and professional schools—as well as civilian and armed services careers, and sources of financial aid. GIS is the most accurate and up-to-date guidance information system today. It is installed in over 4,500 sites in the U.S. and overseas.

TESTING

CTB/McGRAW-HILL. CTB/McGraw-Hill, the "Testing Company and More", is the largest publisher of standardized achievement tests and assessment tools. TESTMATE is a test scoring program that enables a local school system to scan, score, and report test data from norm-referenced tests (NRTs) as well as criterion-referenced tests (CRTs).

SCANTRON CORPORATION. A leading manufacturer of educational optical mark reading (OMR)/scanning equipment. The Scan-Score™ Classroom Test Scoring system is available for the Model 5200 and 1400 OMR/Data Terminals, providing test scoring, analysis, and gradebook.

LIBRARIANS

COLUMBIA COMPUTING SERVICES, LTD. The Columbia Library System fully answers the needs of librarians, administrators and patrons in providing an integrated system with Circulation and Inventory Control, Cataloging, On-Line Public Access, Access to the Catalog, Acquisitions, Serials Control, and a MARC Record Interface. The system handles over 150,000 title records and 20,000 patrons' records.

THE FOLLETT SOFTWARE COMPANY. Follett's librarian system manages circulation, cataloging, catalog card and label ordering, and magazine control. With Follett's Circulation Plus, you can manage up to 65,000 books and 15,000 patrons on a hard disk system; use bar codes and bar code scanners for fast check-out and check-in; accommodate five different circulation periods; customize the patron entry screen; enter your fine schedule; and set the maximum number of books a patron can check out.

FOOD SERVICE

From the point of sale to the district office, SNAP (School Nutrition Accountability Program) can organize, control and enhance your entire food service department. Patented technology links several registers to one microcomputer, making the system affordable.

INTEGRATED LEARNING SYSTEMS

COMPUTER CURRICULUM CORPORATION. CCC's Instructional System provides detailed performance reports and includes thousands of hours of courseware for K-adult in reading, math, language skills, and science.

CONTROL DATA CORPORATION. Control Data's PLATO computer-based instruction provides high school and adult students with the basic skills they need to be productive members of society. PLATO curriculum covers a wide range of subjects in more than 2,000 individualized lessons.

JOSTENS LEARNING CORPORATION. The Basic Learning System includes 1,800 lessons in reading, mathematics and writing; the Discovery Learning System includes Compton's MultiMedia Encyclopedia, and Explorations in Middle School Science.

WASATCH EDUCATION SYSTEMS. Wasatch systems give students self-paced, individualized courses in reading comprehension, writing, math, science, G.E.D. Test Preparation, and the Job Readiness Skills of using a spreadsheet, database, or a word processor.

TEACHER UTILITIES

COURSEWARE DEVELOPMENT

Scenario—Tools For the Mind
Scenario opens up a whole new world of educational possibilities for teachers. Use this unique family of learning tools to develop exercises, lessons, tutorials, educational game, animated dictionaries and more.
Support: Techbyte.

Scenario Talk & Text
This powerful learning tool uses the latest speech technology to foster reading, writing, computing and thinking skills.
3¹/₂", 903-5582. 5¹/₄", 905-5582, 39.95

Scenario Toolbox
SchoolMate Education Network by Tandy. Includes a set of tools for learning and presenting ideas and projects with text, graphics, music and speech.
3¹/₂", 903-5583. 5¹/₄", 905-5583, 89.95
SchoolMate. 900-5685 . . . . . 1,000.00

Scenario Workstation
SchoolMate Education Network by Tandy. Complete set of tools to create powerful interactive software with text, graphics, music, logic, answer analysis, borrow and interactive video capabilities.
3¹/₂", 903-5584. 5¹/₄", 905-5584, 489.95
SchoolMate. 900-5684 . . . . . 4,000.00

Voice Animation Toolkit
A complete system for simple creation of integrated voice and animated graphics applications without the need for conventional "programming". Create voice and animated graphics "lessons" for students; prepare motivating training courseware and more. Requires no additional hardware on the Tandy 1000 SL and TL.
Support: Animated Voice Corporation.
3¹/₂", 903-5738. 5¹/₄", 905-5738, 99.95

CREATIVITY TOOLS

Deluxe Paint II
This award-winning paint program provides many features such as power magnification tool, the ability to flip, rotate, resize and bend any image or text, and automatic gradient blending of colors.
Support: Electronic Arts.
3¹/₂", 903-1405.
5¹/₄", 905-1405 . . . . 99.00

Fantavision School Edition
Students can create colorful movies and dazzling special effects right on their computer with Fantavision. Ideal for teaching art, it also supports interdisciplinary learning.

Support: Broderbund Software.
3¹/₂", 903-5592. 5¹/₄", 905-5592, 69.95

PaintShow Plus
DeskMate User Interface by Tandy. A complete paint program with built-in scanner support and CGA, TGA, EGA, and VGA video modes. Create and edit standard graphics files, scan drawings and photos for enhancement, and create slide shows for professional quality presentation. Graphics file utility permits conversion of TIFF to PCX files, and PCX and MAC files to TIFF files.
Support: Logitech.
25-1316 . . . . 49.95

VCR Companion School Edition
With VCR Companion your students can develop movies and slide shows that express their creativity and improve problem solving, sequencing, and communications skills. With a video camera and a VCR, students can make their own production for any subject.
Support: Broderbund Software.
3¹/₂", 903-5734. 5¹/₄", 905-5734, 64.95

DESKTOP PUBLISHING

Certificate Maker
Present that special award winner with a one-of-a-kind certificate. Your club, group or school will have over 200 ways to recognize, reward and encourage.
Support: Springboard.
3¹/₂", 903-5510.
5¹/₄", 905-5510 . . . . 39.95

Certificate Library
Over 100 more awards you can add to Certificate Maker. Choose the occasion, select the border, add your message, then print and attach a bright seal.
Support: Springboard.
3¹/₂", 903-5512.
5¹/₄", 905-5512 . . . . 29.95

First Publisher
DeskMate User Interface by Tandy. A unique and affordable page layout program that lets you produce attention-getting documents quickly and easily. Has the power and flexibility you need to publish announcements, letters, invitations, forms and newsletters.
Support: Software Publishing.
900-5612 . . . . 70.00*

First Publisher Art Gallery
Now make First Publisher even more useful with the addition of the First Publisher Art Gallery. Includes Publications, Holidays, Leisure & Lifestyles, Decorative Fonts, and Just For Grins.
Support: Software Publishing.
900-5614 . . . . 70.00*

First Publisher Personal Graphics
Now make First Publisher even more useful with the addition of Personal Graphics. Contains a variety of page borders and symbols as well as contemporary images of famous people, cars, animals and other illustrations and cartoons.
Support: Software Publishing.
900-5544 . . . . 20.00*

The Newsroom
Design, edit and print your own newspaper or newsletter. Enter text in one of five type styles. Illustrate your stories with over 600 images.
Support: Springboard.
3¹/₂", 903-5511. 5¹/₄", 905-5511 . . 19.95

PageMaker
First, write your text using a standard word processing program. Next, using PageMaker, lay out the columns and add rules, borders and boxes. Finally, incorporate the text and graphics onto the page.
Support: Aldus Corp.
25-4112 . . . . 835.00

Print Magic
DeskMate User Interface by Tandy. Create customized cards, flyers, certificates, stationery, banners and more. It's as versatile as your imagination.
Support: Epyx.
25-1265 . . . . 54.95

The Print Shop School Edition
The Print Shop is one of the most versatile, most thoroughly utilized programs in schools today. Create announcements, greeting cards, awards, certificates, banners, hall passes and invitations. Give your classroom communication extra style and impact!
Support: Broderbund Software.
3¹/₂", 903-5529. 5¹/₄", 905-5529, 69.95

FORMS DESIGN

FormTool
Design and create all kinds of forms.
Support: BLOC Development Corp.
3¹/₂", 903-3267. 5¹/₄", 905-3267, 79.00

Instant Pages
DeskMate User Interface by Tandy. With over 100 ready-to-use forms, allows you to quickly design and print newsletters, charts, floor plans, inventory lists and much more. Powerful word processing capabilities include line and box drawing, block move, copy and past actions.
Support: Electronic Arts.
25-1262 . . . . 44.95

TEACHER UTILITIES

PRODUCTIVITY TOOLS

RightWriter
Uses artificial intelligence to analyze documents for errors in grammar, style, punctuation and usage.
Support: RightSoft.
900-3299 . . . . 89.00

SchoolWorks
Combine SchoolWorks data files with Microsoft Works and you instantly have the most useful tool any educator could want. SchoolWorks comes with a free site license allowing unrestricted use within your school building. Microsoft Works required.
Support: K-12 Micromedia.

SchoolWorks Athletics Director
Athletes, basketball games, football inventory, trainer's report and more.
3½", 903-5705.
5¼", 905-5705 . . . . 55.00

SchoolWorks Letterfiles
Awards, fire alarms, new scholarship program, open house, and more.
3½", 903-5707.
5¼", 905-5707 . . . . 55.00

SchoolWorks Media Center
Acquisitions, catalog cards, library aides, on-line catalogs, and more.
3½", 903-5708.
5¼", 905-5708 . . . . 55.00

SchoolWorks Office
Bid lists, bulletins, faculty, IRS form, library, machine inventory, and more.
3½", 903-5704.
5¼", 905-5704 . . . . 55.00

SchoolWorks Teacher
Attendance, book adoption, book reports, inventory, lesson plans, and more.
3½", 903-5706.
5¼", 905-5706 . . . . 55.00

PUZZLE MAKERS

Crosswords For Kids
America's favorite puzzle hobby can now help kids learn about Independence Day, plus have fun!
Support: The Home School.
900-5741 . . . . 59.95

Text Tangler
SchoolMate Education Network by Tandy. Create text reconstruction puzzles from pure ASCII text files. Includes: Hangman, Cloze and Cryptograph Generators, and Paragraph and Sentence Jumblers.
Support: Research Design Associates.
SchoolMate. 3½", 903-5678.
5¼", 905-5678 . . . . 139.95

SPECIAL EDUCATION

Special Affects
Speech therapy and voice training via realtime graphic and audio feedback of voice attributes. Developed by speech pathologists for improving the communication skills of speech/language/hearing disordered persons. Realtime graphics modules are used for pitch, timing, and volume attribute therapy in a variety of disorder applications. Requires no additional hardware on the Tandy 1000 SL and TL.
Support: Animated Voice Corporation.
3½", 903-5737.
5¼", 905-5737 . . . . 495.00

Talley Special Education Management System
The Talley Special Education Management System (SEMS) is a very powerful system for managing student data in Special Education. It serves professionals in every aspect of Special Education, from director to clerical staff.
Support: A.U. Software.

Child Count Reporter
The Child Count Reporter module of SEMS is a very powerful statistical report generator. This module provides information on your students that can be used to complete the required federal and state reports. Requires Student Data Base Manager.
3½", 903-5621.
5¼", 905-5621 . . . . 895.00

IEP Objectives Data Base Manager
The IEP Objectives Data Base Manager gives you a complete, professional IEP with up to six Annual Goals and 18 Objectives for each student in minutes. Allows for tailoring of objectives to individual student's ability. Requires Student Data Base Manager.
3½", 903-5623.
5¼", 905-5623 . . . . 295.00

Referral Manager
Don't risk loss of funding for being out of compliance on timely testing and placement meetings! Referral Manager is an independent part of SEMS that is used for tracking students who are in the referral process.
3½", 903-5622.
5¼", 905-5622 . . . . 195.00

Student Data Base Manager
The Student Data Base Manager is a powerful set of programs for record-keeping in Special Education and is the heart of SEMS.
3½", 903-5624.
5¼", 905-5624 . . . . 595.00

TEACHER TOOLS

Exam Builder
A powerful question storage and test generation system for teachers. Menu-drive program requires no prior computer knowledge. Up to 150 questions can be generated per exam. Items can be selected randomly by computer or selected by the teacher.
Support: A.U. Software.
3½", 903-5031
5¼", 905-5031 . . . . 99.95

The Grade Manager
Record scores, computer grades and print grade reports quickly and accurately with this flexible classroom tool. Choose from percentage grading or standard scores. Manages up to 1000 students per class or as many as 25 classes of 1900 on a hard disk.
Support: MECC.
3½", 903-5172.   5¼", 905-5172, 64.00

Teacher Management Tools
TMT Performs many of the daily bookkeeping and administrative tasks teachers must perform: attendance, track assignments, prepare and score tests, and grade reporting. Elementary version handles a single class of up to 75 students. Secondary version handles up to 8 classes of up to 75 students each.
Support: Berta-Max.
Elementary. 3½", 903-5575.
5¼", 905-5575 . . . . 49.95
Secondary. 3½", 903-5576.
5¼", 905-5576 . . . . 49.95

Test Composer
For teachers who must regularly prepare alternate forms of a test, or a test to measure mastery of a specific set of objectives. Test items can be stored and coded for type, class, difficulty and objective.
Support: Berta-Max.
3½", 903-5276.   5¼", 905-5276, 49.95

Testlab 2000
SchoolMate Education Network by Tandy. Testlab 2000 is an integrated system designed to create a paperless testing environment. Create item banks of test questions, administer on-line tests, and produce statistical grade analysis.
Support: A.U. Software.
SchoolMate. 3½", 903-5711.
5¼", 905-5711 . . . . 1,495.00

Teacher's Resource Guide
The Teacher's Resource Guide helps teachers integrate Davidson software into their curriculum. Includes software overview sheets, ready-reference sheets, assignment record-keeping sheets, reproducible activity sheets, and answer keys.
Support: Davidson & Associates.
900-5603 . . . . 19.95

MS-DOS SOFTWARE

GRADE:	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
AGE:	4	5	6	7	8	9	10	11	12	13	14	15+				
PAGE 12 BUSINESS EDUCATION/VOCATIONAL																
Business Education																
Dac-Easy Accounting									■	■	■	■	Accounting	Dac Software		2FD
First Choice (512K)						■	■	■	■	■	■		Integrated	Software Publishing	SCM	2FD
Homeword II (512K or 1000 SL)						■	■	■	■	■	■		Word Processing	Sierra Ons-Line		
Lotus Spreadsheet for DeskMate (512K)						■	■	■	■	■	■		Spreadsheet	Lotus Development		2FD
Microsoft Word (384K)						■	■	■	■	■	■		Word Processing	Microsoft		2FD
Microsoft Works (384K)						■	■	■	■	■	■		Integrated	Microsoft		2FD
Professional File (512K)						■	■	■	■	■	■		Database	Software Publishing	SCM	HD
Professional Plan (512K)						■	■	■	■	■	■		Spreadsheet	Software Publishing	SCM	2FD
Professional Write (512K)						■	■	■	■	■	■		Word Processing	Software Publishing	SCM	HD
Varsity SCRIPSIT (384K)						■	■	■	■	■	■		Word Processing	Radio Shack		
Venture						■	■	■					Business Management	Star Software Systems		HD
WordPerfect 5.0 (512K)					■	■	■	■	■	■	■		Word Processing	WordPerfect		2FD
CAD Training																
Drafix CAD Ultra (512K)									■	■	■	■	Computer Aided Design	Foresight Resources		2FD
Generic CAD Starter Kit (512K)									■	■	■	■	Computer Aided Design	Generic Software		2FD
Junior Drafter CAD Training System (512K)							■	■	■	■	■	■	CAD Tutorial	Learning Odyssey	SCM	HD
PAGES 12-13 COMPUTER LITERACY																
Introduction to Computing																
The Friendly Computer	■	■	■	■	■								Tutorial	MECC		
The FUNdamentals					■	■	■	■	■	■	■	■	Tutorial/Game	Radio Shack		
Learning DOS						■	■	■	■	■	■	■	Tutorial	Microsoft		
Keyboarding Skills																
FasType II					■	■	■	■	■	■	■	■	Tutorial with Drill	Press A Software	SCM	
Mavis Beacon Teaches Typing					■	■	■	■	■	■	■	■	Tutorial with Drill	Software Toolworks		
Stickybear Typing				■	■	■	■	■	■				Tutorial with Drill	Optimum Resource		
TYPE!		■	■	■	■	■	■	■	■	■	■	■	Tutorial with Drill	Broderbund Software		
Typing Tutor IV					■	■	■	■	■	■	■	■	Tutorial with Drill	Simon & Schuster		
Programming																
PC LOGO		■	■	■	■	■	■	■	■	■	■	■	Problem Solving	Harvard Associates	SCM	
QuickBASIC (384K)									■	■	■	■	Programming	Microsoft		
Quick C (512K)									■	■	■	■	Programming	Microsoft		2FD
PAGES 13-14 EARLY LEARNING																
Mathematics																
Comparison Kitchen	■	■	■	■									Instructional Game	DLM Teaching Resources	SCM	
First Shapes (512K)	■	■	■	■									Problem Solving/Game	First Byte		Talks
Math and Me	■	■	■	■									Tutorial/Drill/Game	Davidson & Associates		
Math Rabbit	■	■	■	■	■								Problem Solving/Game	The Learning Company		
Number Farm	■	■	■	■									Instructional Game	DLM Teaching Resources	SCM	
Number Match It (384K)	■	■	■										Drill	Berta-Max		
Telling Time (384K)	■	■	■	■									Drill	Berta-Max		Echo
Stickybear Numbers	■	■	■	■									Drill	Optimum Resource		
Stickybear Opposites	■	■	■	■									Drill	Optimum Resource		Echo
Stickybear Shapes	■	■	■	■									Drill	Optimum Resource		Echo
Reading/Language Arts																
Alphabet Circus	■	■	■	■									Instructional Game	DLM Teaching Resources	SCM	
Alphakey (384K)	■	■	■										Drill	Berta-Max		Echo
Berta-Max Read Along Series (384K)	■	■	■	■									Tutorial with Drill	Berta-Max		Echo
Curious George Visits the Library	■	■	■	■	■								Creativity Tool	DLM Teaching Resources		
The Dinosaur Discovery Kit (512K)	■	■	■	■									Creativity Tool	First Byte		Talks
First Letters & Words (512K)	■	■	■	■									Problem Solving/Game	First Byte		Talks
Flodd, The Bad Guy	■	■	■	■	■								Problem Solving	Tom Snyder Productions		

Minimum System: 256K RAM, one floppy disk drive; 640K SchoolMate Student Station. Network: SCM - SchoolMate, NW4 - Network 4. Notes: Echo - ECHO Speech Synthesizer (90-2163 or 90-2164) required. Echo 2 - ECHO 1000 Speech Synthesizer included. SL/TL - Takes advantage of the Tandy 1000 SL/TL's speech capabilities. Talks - Takes advantage of the Tandy 1000's speech capabilities. 2FD - Two floppy disk drives required. HD - Hard disk required. ID - Network 4 Install Disk required. (Install Disk 905-5414, $64.95, Curriculum Pack Install Disk 905-5417, $219.95).

MS-DOS SOFTWARE

EARLY LEARNING—Reading/Language Arts (continued)

	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
AGE:	4	5	6	7	8	9	10	11	12	13	14	15+				
Jack and the Beanstalk	■	■	■	■									Problem Solving	Tom Snyder Productions		
Joshua's Reading Machine	■	■	■	■									Tutorial with Drill	Compu-Teach	SCM	
Letters (384K)	■	■	■	■									Creativity Tool	Animated Voice		SL/TL
Reader Rabbit		■	■	■	■								Problem Solving/Game	The Learning Company		Talks
Reading and Me	■	■	■	■									Tutorial/Drill/Game	Davidson & Associates		
Stickybear Alphabet	■	■	■	■									Drill	Optimum Resource		Echo
Stickybear Reading			■	■	■	■							Tutorial with Drill	Optimum Resource		
Story Mix (384K)	■	■	■	■	■								Instructional Game	Berta-Max		Echo

Multiple Skills

	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
DLM Early Childhood Series	■	■	■										Problem Solving	DLM Teaching Resources	SCM	
Learning Library	■	■	■	■	■								Instructional Game	HiTech Expressions		
Mixed-Up Mother Goose	■	■	■	■	■								Instructional Game	Sierra On-Line		
Stepping Stones	■	■	■	■									Tutorial with Drill	Compu-Teach	SCM	

PAGE 14 FOREIGN LANGUAGE

	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
Bataille de Mots							■	■	■	■	■	■	Tutorial with Drill	Gessler Educational Software		
Batalla de Palabras							■	■	■	■	■	■	Tutorial with Drill	Gessler Educational Software		
R.S.V.P. French									■	■	■	■	Drill	Gessler Educational Software		
R.S.V.P. Spanish									■	■	■	■	Drill	Gessler Educational Software		
Word Attack! French						■	■	■	■	■	■	■	Tutorial with Drill	Davidson & Associates		
Word Attack! Spanish						■	■	■	■	■	■	■	Tutorial with Drill	Davidson & Associates		
Wortgefecht							■	■	■	■	■	■	Tutorial with Drill	Gessler Educational Software		

PAGE 15 LOGIC/PROBLEM SOLVING

	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
Alpine Tram Ride				■	■	■	■	■					Problem Solving	Learning Technologies	NW4	ID
Animal Hotel	■	■	■										Drill	Learning Technologies	NW4	ID
Bike Hike	■	■	■										Drill	Learning Technologies	NW4	ID
Clowning Around		■	■	■	■								Problem Solving	Learning Technologies	NW4	ID
Concept Mapping						■	■	■	■	■	■	■	Tutorial	Exceller Software	SCM	
Early Learning Curriculum Pak	■	■	■	■									Problem Solving	Learning Technologies	NW4	ID
Enrichment Curriculum Pak			■	■	■	■							Problem Solving	Learning Technologies	NW4	ID
Gertrude's Puzzles					■	■	■	■	■	■			Problem Solving/Game	The Learning Company		
Gertrude's Secrets			■	■	■	■	■	■					Problem Solving/Game	The Learning Company		
Homeworker								■	■	■	■	■	Creativity Tool	Davidson & Associates	SCM	
Lovejoy's Preparation for the SAT											■	■	Problem Solving	Simon & Schuster		
Monkey Business		■	■	■	■								Problem Solving	Learning Technologies	NW4	ID
Pipeline				■	■	■	■	■					Instructional Game	Learning Technologies	NW4	ID
The Puzzle Storybook (512K)	■	■	■	■	■								Creativity Tool	First Byte		Talks
Remember!						■	■	■	■	■	■	■	Drill	Britannica Software		
Rocky's Boots					■	■	■	■	■	■			Problem Solving/Game	The Learning Company		
Scenario Talk & Text (384K)				■	■	■	■	■	■	■	■	■	Problem Solving	TechByte		Talks
Scenario Toolbox (384K)				■	■	■	■	■	■	■	■	■	Problem Solving	TechByte	SCM	Talks
Scenario Workstation (384K)				■	■	■	■	■	■	■	■	■	Problem Solving	TechByte	SCM	
Think Quick!				■	■	■	■	■	■	■			Problem Solving/Game	The Learning Company		
Vee-Diagramming						■	■	■	■	■	■	■	Tutorial	Exceller Software	SCM	

PAGE 16-17 MATHEMATICS

Whole Number Operations

	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
Alien Addition			■	■	■	■	■	■					Drill	DLM Teaching Resources	SCM	
Alligator Mix				■	■	■	■	■					Drill	DLM Teaching Resources	SCM	
Demolition Division					■	■	■	■					Drill	DLM Teaching Resources	SCM	
Dragon Mix					■	■	■	■					Drill	DLM Teaching Resources	SCM	
Facts Match Addition (384K)			■	■	■	■							Drill	Berta-Max		Echo
Facts Match Division (384K)					■	■	■	■					Drill	Berta-Max		Echo
Facts Match Multiplication (384K)					■	■	■	■					Drill	Berta-Max		Echo
Facts Match Subtraction (384K)				■	■	■	■						Drill	Berta-Max		Echo
Learning to Add & Subtract		■	■	■	■								Drill	Learning Technologies	NW4	ID
Math Facts Games (384K)			■	■	■	■	■	■					Instructional Game	Berta-Max		
Math Maze					■	■	■	■	■	■			Drill/Game	Britannica Software		
MathTalk (384K)				■	■	■	■	■					Problem Solving/Game	First Byte		Talks
Meteor Multiplication					■	■	■	■					Drill	DLM Teaching Resources	SCM	

MS-DOS Software

	P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
AGE:	4	5	6	7	8	9	10	11	12	13	14	15+				
MATHEMATICS— Whole Number Operations (continued)																
Minus Mission			█	█	█	█	█	█	█				Drill	DLM Teaching Resources	SCM	
Path Tactics		█	█	█	█	█	█						Instructional Game	MECC		
Stickybear Math			█	█	█	█							Drill	Optimum Resource		
Stickybear Math 2				█	█	█	█						Drill	Optimum Resource		
Problem Solving																
Homework Helper: Math Word Problems						█	█	█	█	█	█	█	Problem Solving	Spinnaker		
Math in a Nutshell					█	█	█	█	█				Problem Solving	Learning Technologies	NW4	ID
Stickybear Word Problems				█	█	█	█						Problem Solving	Optimum Resource		
Fractions/Decimals/Percent																
MathTalk Fractions					█	█	█	█	█				Problem Solving/Game	First Byte		Talks
Measurements					█	█	█	█	█	█			Tutorial	Exceller Software	SCM	
Money			█	█	█	█	█	█					Drill	Gamco Industries		
Secondary Mathematics																
Alge-Blaster									█	█	█	█	Tutorial with Drill	Davidson & Associates		
Algebra										█	█	█	Problem Solving	True BASIC	SCM	
Calculus											█	█	Problem Solving	True BASIC	SCM	
Mission: Algebra									█	█	█	█	Drill/Game	Britannica Software		
Perimeter, Area, & Volume							█	█	█	█	█		Tutorial with Drill	Gamco Industries		
Pre-Calculus											█	█	Problem Solving	True BASIC	SCM	
Multiple Skills																
Math Blaster			█	█	█	█	█	█					Tutorial/Drill/Game	Davidson & Associates		
Math Blaster Mystery							█	█	█	█	█	█	Tutorial/Drill/Game	Davidson & Associates		
Math Blaster Plus			█	█	█	█	█	█					Tutorial/Drill/Game	Davidson & Associates	SCM	
Math Blaster Workbooks			█	█	█	█	█	█					Problem Solving	Davidson & Associates		
Number Master	█	█	█	█	█	█							Tutorial with Drill	The Home School	NW4	
PAGE 17-19 READING/LANGUAGE ARTS																
Reading																
Parts of Speech						█	█	█	█	█	█		Drill	Gamco Industries		
Ramble (384K)			█	█	█	█	█	█	█	█	█	█	Creativity Tool	Animated Voice		SL/TL
Read 'N Roll					█	█	█	█	█	█			Drill/Game	Davidson & Associates		
Speed Reading Tutor IV							█	█	█	█	█	█	Tutorial with Drill	Simon & Schuster		
Starting With Phonics			█	█	█	█	█						Drill	K-12 MicroMedia		
Stickybear Parts of Speech					█	█	█	█	█	█			Tutorial with Drill	Optimum Resource		
Stickybear Reading Comprehension			█	█	█	█	█	█					Tutorial	Optimum Resource		
Verb Viper			█	█	█	█	█	█	█	█			Tutorial with Drill	DLM Teaching Resources	SCM	
Vocabulary Development						█	█	█	█	█	█	█	Tutorial with Drill	Optimum Resource		
Winning With Phonics			█	█	█	█	█	█					Drill	K-12 MicroMedia		
Word Attack Plus!					█	█	█	█	█	█	█	█	Tutorial/Drill/Game	Davidson & Associates	SCM	
Word Attack Workbooks					█	█	█	█	█	█	█	█	Problem Solving	Davidson & Associates		
Word Invasion				█	█	█	█	█	█	█			Drill	DLM Teaching Resources	SCM	
Word Man			█	█	█	█	█	█					Tutorial with Drill	DLM Teaching Resources	SCM	
Word Master						█	█	█	█	█	█		Tutorial with Drill	DLM Teaching Resources	SCM	
Word Radar			█	█	█	█	█	█					Drill	DLM Teaching Resources	SCM	
Spelling																
Magic Spells			█	█	█	█	█	█					Drill/Game	The Learning Company		
Spell It!					█	█	█	█	█	█	█	█	Tutorial/Drill/Game	Davidson & Associates		
Spellagraph					█	█	█	█	█	█			Drill/Game	Britannica Software		
Spellakazam			█	█	█	█	█						Drill/Game	Britannica Software		
Speller Bee			█	█	█	█	█	█	█	█			Problem Solving/Game	First Byte		Talks
Spelling Wiz			█	█	█	█	█	█	█	█			Tutorial with Drill	DLM Teaching Resources	SCM	
Stickybear Spellgrabber			█	█	█	█	█	█					Tutorial with Drill	Optimum Resource		
Writing Skills																
Child Writer				█	█	█	█	█	█	█			Word Processing	TCE Programs		
Children's Writing & Publishing Center				█	█	█	█	█	█	█	█		Creativity Tool	The Learning Company		
Double Up				█	█	█	█	█					Tutorial	Research Design Associates	SCM	
The Grammar Examiner						█	█	█	█	█	█		Drill/Game	Britannica Software		
Grammar Gremlins					█	█	█	█	█	█			Tutorial/Drill/Game	Davidson & Associates		
Mark-Up									█	█	█	█	Tutorial	Research Design Associates	SCM	
Proteus									█	█	█	█	Tutorial	Research Design Associates	SCM	
Rhubarb									█	█	█	█	Tutorial	Research Design Associates	SCM	

Grade columns: P, K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10+ (Ages: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15+). Shaded grade ranges are indicated below.

READING/LANGUAGE ARTS—Writing Skills (continued)

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
The Rhyming Notebook (512K)	3–8	Creativity Tool	First Byte		Talks
Sequitur	4–10+	Tutorial	Research Design Associates	SCM	
Term Paper Writer	7–10+	Word Processing	Activision		
Writer Rabbit	1–5	Problem Solving/Game	The Learning Company		
Write On! Tandy Special Collection	K–10+	Creativity Tool	Humanities Software	SCM	

Multiple Skills

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
Breaking Language Barriers	2–10+	Tutorial	Computerized Resources		
Computer Mad Libs (512K)	3–9	Instructional Game	First Byte		Talks
Create With GARFIELD!	2–10+	Creativity Tool	DLM Teaching Resources		
Garfield Trivia	2–10+	Creativity Tool	DLM Teaching Resources		
KidTalk (512K)	K–7	Creativity Tool	First Byte		Talks
Monsters & Make Believe	P–7	Creativity Tool	Pelican Software		
Once Upon a Time	K–5	Creativity Tool	Compu-Teach	SCM	
SmoothTalker (512K)	K–9	Creativity Tool	First Byte		Talks
Talking Text Writer	P–7	Creativity Tool	Scholastic Software		Echo 2
Text Tangler	4–10+	Tutorial	Research Design Associates	SCM	

PAGE 19-20 SCIENCE

Biology

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
Body Transparent	4–10+	Drill/Game	Britannica Software		
Population Genetics Simulator (384K)	9–10+	Simulation	Exceller Software	SCM	
Statistics-Tutor	8–10+	Tutorial/Simulation	Exceller Software	SCM	

Earth Science

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
Designasaurus (512K)	1–8	Tutorial/Game	Britannica Software		
Weather Flight	4–10+	Tutorial	Exceller Software	SCM	

Health & Nutrition

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
Diet Balancer (512K)	7–10+	Tutorial	Lifestyle Software Group		
NutriFit	7–10+	Tutorial	Nutrisoft		
Take Control of Your Cholesterol (512K)	7–10+	Tutorial	Lifestyle Software Group		
Substance Abuse Education	7–10+	Tutorial	Substance Abuse Education	SCM	
Understanding AIDS	7–10+	Tutorial	Substance Abuse Education	SCM	

Life Science

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
Lifecycles of a Plant	3–6	Tutorial	Exceller Software	SCM	
Living and Non-Living	2–6	Tutorial	Exceller Software	SCM	
Seed Classification	3–6	Tutorial	Exceller Software	SCM	
Seed Dispersal	3–6	Tutorial	Exceller Software	SCM	
Uses of Plants	3–6	Tutorial	Exceller Software	SCM	

Physical Science

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
Mattter, Matter Everywhere	2–6	Tutorial	Exceller Software	SCM	
Science Toolkit	4–10+	Problem Solving	Broderbund Software		
Science Toolkit Module 1	4–10+	Problem Solving	Broderbund Software		

PAGE 20 SOCIAL STUDIES

Title	Grade Range (shaded)	Instructional Technique	Product Support	Network	Notes
American History Art Gallery	4–10+	Creativity Tool	Unison World		
Balance of Power (512K)	9–10+	Simulation	Mindscape		2FD
European Nations & Locations	4–9	Drill/Game	Britannica Software		
Jenny's Journeys	4–8	Problem Solving	MECC		
The Market Place	4–9	Simulation	MECC		
SchoolWorks Social Studies (384K)	4–9	Problem Solving	K-12 MicroMedia		
SchoolWorks States and Presidents (384K)	4–9	Problem Solving	K-12 MicroMedia		
See the U.S.A.	2–8	Tutorial with Drill	Compu-Teach	SCM	
Social Studies Teacher: Black History	4–10+	Tutorial	Computerized Resources		
States & Traits	4–9	Drill/Game	Britannica Software		
TimeLiner	2–10+	Problem Solving	Tom Snyder Productions	SCM	
Where in Europe is Carmen Sandiego?	4–10+	Instructional Game	Broderbund Software		
Where in U.S.A. is Carmen Sandiego?	4–10+	Instructional Game	Broderbund Software		
Where in World is Carmen Sandiego?	4–10+	Instructional Game	Broderbund Software		

MS-DOS Software

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11

BUSINESS EDUCATION & COMPUTER LITERACY

BUSINESS EDUCATION

New! Lotus Spreadsheet for DeskMate

DeskMate User Interface by Tandy

The new Lotus Spreadsheet for DeskMate from Lotus Development Corp. is compatible with 1-2-3 files, and invaluable for planning and financial analysis. Uses the DeskMate Graphical User Interface's proven format of pull-down menus and pop-up dialog boxes to guide you through your operation.
25-1283 . . . . 219.95

DacEasy Accounting

DeskMate User Interface by Tandy

Includes General Ledger, Accounts Payable, Accounts Receivable, Purchase Orders, Inventory, Billing and Forecasting. Provides over 700 reports and "what if" forecasting scenarios for in-depth analysis.
25-1314 . . . . 99.95

First Choice

SchoolMate Education Network by Tandy

A multipurpose software program with word processing, thesaurus/spelling checker, file management, spreadsheet analysis, business graphics, and electronic communications.
900-5611 . . . . 85.00*
SchoolMate. 900-5613 . . . . . 265.00*

Homeword II

DeskMate User Interface by Tandy

Features "what-you-see-is-what-you-get" text screens, pull-down menus, dialogue boxes, integrated graphics editing package, an outline processor, a thesaurus and spelling checker. 25-1266 . . . . 69.95

Microsoft Word

Microsoft Word gives you timesaving tools to produce impressive results. Features faster-than-ever scrolling, editing, file load/save, pagination, search/replace, Microsoft Speller and more.
3½", 25-1282.
5¼", 905-1475 . . . . 379.00

Microsoft Works

Easy-to-learn, all-in-one program which combines word processing, spreadsheet, database and communications.
3½", 25-1184.
5¼", 905-1474 . . . . 139.00

Professional File

A complete file management and reporting program designed to organize, update, retrieve, analyze and report information with professional results.
900-5699 . . . . 175.00*

Professional Plan

Professional Plan has the features you need to get the job done: line, bar, pie and other charts; ability to read Lotus 1-2-3 and ASCII files, consolidation of data from several spreadsheets into one; and imports/exports Professional File data. 900-5700 . . . . 55.00*

Professional Write

Professional Write features direct read/write other popular word processor file formats; import Lotus 1-2-3 and Professional Plan files directly; and mail merge directly with dBASE III, Professional File and built-in Address Book.
900-5698 . . . . 110.00*

Professional LAN Pack

SchoolMate Education Network by Tandy

Professional LAN Pack allows five additional users of Professional Write, File or Plan on a network (File, Write or Plan required). Handles personal dictionaries, individual configurations and other user files to provide effective information sharing. 900-5701 . . . 275.00*

Varsity SCRIPSIT

Suitable for any writing task—from a simple book report to a complex business proposal. 25-1174 . . . . 89.95

Venture

DeskMate User Interface by Tandy

Features a business plan builder, word processor, spreadsheet, file manager, general ledger with check writing, sample financial reports, models, business documents and agreements.
25-1249 . . . . 349.00

WordPerfect 5.0

More than 30 new features, including integrated text and graphics, styles, automatic referencing, intelligent printing and extensive character support. Also features a phonic spelling checker with a 120,000-word dictionary and more.
3½", 25-1268. 5¼", 905-3325, 449.00

CAD TRAINING

Drafix CAD Ultra

Full complement of powerful drawing features let you produce complex, yet super accurate work. A word processing window allows you to add and edit text.
3½", 903-1418.
5¼", 905-1418 . . . . 395.00

Generic CAD Starter Kit

A complete introduction to drawing and drafting. Includes CADD Level 2, a step-by-step workbook tutorial, Generic's Basic Home Design Symbol library and a disk of tutorial and sample drawings.
3½", 903-1383. 5¼", 905-1383, 179.95

Junior Drafter CAD Training System

SchoolMate Education Network by Tandy

Junior Drafter CAD Training System is designed for teaching drafting and computer aided design (CAD). The self-paced, computer-based training software is a complete CAD curriculum.
5¼", 905-5609 . . . . 995.00
SchoolMate (10 Users).
5¼", 905-5695 . . . . 7,250.00

Computer Literacy
INTRODUCTION TO COMPUTING

The Friendly Computer

Children have fun playing games with MECC's popular character Zebug as they are shown the major parts of the computer system, with special emphasis on the keyboard.
3½", 903-5286. 5¼", 905-5286, 54.00

The FUNdamentals

Tandy 1000 HX/TX. 25-1186 . . . 24.95

DeskMate User Interface by Tandy

Interactive game introduces you to hardware, software, DOS concepts and commands, DeskMate and more.
Tandy 1000 TL. DeskMate Interface.
25-1233 . . . . 19.95
Tandy 1000 SL. DeskMate Interface.
25-1236 . . . . 19.95

Learning DOS

Guided practice sessions and explanations help teach essential DOS skills.
25-1320 . . . . 44.95

KEYBOARDING

FasType II

SchoolMate Education Network by Tandy

This keyboarding program provides an easy way to learn how to type quickly. Includes speed tests, teacher lesson plans, and three skill levels.
3½", 903-5550. 5¼", 905-5550, 39.95
SchoolMate. 900-5694 . . . . . . 399.95

Mavis Beacon Teaches Typing

Lessons are tailored to the way you learn. Watches error patterns and makes up corrective drills.
900-3350 . . . . 40.00

Stickybear Typing

An easy way for the whole family to learn how to type or improve their skills.
3½", 903-5546. 5¼", 905-5546, 44.95

*Special Pricing for Schools Only. Includes Education Discount.

KEYBOARDING (cont.)

TYPE! School Edition
Instead of boring random letter drills, Type! works with informative, interesting words and sentences that hold students' attention. Diagnostic system tracks students' speed and accuracy by hand, row, letter and finger.
3½", 903-5532. 5¼", 905-5532, 36.95

Typing Tutor IV
Automatically adjusts to personal abilities and progress, creating custom-designed lessons.
900-2812 . . . . 44.95

PROGRAMMING

PC LOGO
SchoolMate
Education Network by Tandy
A full-implementation of Logo, including word and list capability, as well as turtle graphics, PC LOGO takes advantage of the extra features of the 1000, including function and arrow keys.
3½", 903-5136. 5¼", 905-5136, 99.95
SchoolMate. 900-5743 . . . . . . 299.95

QuickBASIC
Instant programming environment with edit-and-continue feature, syntax-checking editor, integrated debugging and built-in code outliner.
3½", 903-0482.
5¼", 905-0482 . . . . 79.00

Quick C
Integrated compiler, debugger and editor with context-sensitive help for statement syntax and library routines. Compiles 10,000 lines per minute.
3½", 903-3256. 5¼", 905-3256, 79.00

Early Learning

MATHEMATICS

Comparison Kitchen
SchoolMate
Education Network by Tandy
Strengthen visual perception of sizes and amounts and their visual discrimination of objects by color, shape, and size.
900-5579 . . . . 32.95
SchoolMate. 900-5728 . . . . . . 199.00

First Shapes—It Talks!
Through spoken messages and encouraging words, children independently use geometric shapes to build toys. (Talking version.)
900-3367 . . . . 34.95

Math and Me
Helps children build a sound foundation in math.
3½", 903-3282. 5¼", 905-3282, 26.95

Math Rabbit School Edition
Students explore basic number concepts and develop skills in counting, adding, subtracting, and recognizing number relationships and patterns.
5¼", 905-5477 . . . . 59.95

Number Farm
SchoolMate
Education Network by Tandy
Number Farm's bumper crop of six games and activities is a fun way for youngsters to learn numerals, number words, numerical order, counting skills, and beginning number concepts.
900-5578 . . . . 32.95
SchoolMate. 900-5726 . . . . . . 199.00

Number Match It
Children develop number concepts by either typing the numeral for the number of objects shown (0 to 9) or pressing the spacebar to count out objects for the numeral given.
3½", 903-5320. 5¼", 905-5320, 21.95

Stickybear Numbers
Counting and number recognition become as easy as 1-2-3, using colorful groups of trucks, ducks, planes.
3½", 903-5301. 5¼", 905-5301, 35.95

Stickybear Opposites
Talking Stickybear teaches children to identify and say "opposite" words like left and right and up and down.
3½", 903-2788. 5¼", 905-2788, 35.95

Stickybear Shapes
Talking Stickybear teaches your children to identify circles, squares, triangles, rectangles and diamonds.
3½", 903-2787. 5¼", 905-2787, 35.95

Telling Time
Telling Time is a set of three programs that provides practice reading clock faces and telling time to the nearest hour, the nearest half-hour and nearest quarter-hour.
3½", 903-5310. 5¼", 905-5310, 21.95

READING/LANGUAGE ARTS

Alphabet Circus
SchoolMate
Education Network by Tandy
Alphabet Circus features the color and excitement of the big top. Interactive activities help teach letter recognition, alphabetical order and text creation.
900-5577 . . . . 32.95
SchoolMate. 900-5727 . . . . . . 199.00

Alphakey
Alphakey introduces youngsters to the location of letters on the keyboard.
3½", 903-5309. 5¼", 905-5309, 21.95

Berta-Max Read Along Series
This series of reading programs uses an Echo Speech Synthesizer to speak in a clear female voice. Beginning readers need only type name and press spacebar and enter key to operate these programs. See page 26 for Echo boards.

Able & YoYo
Able is a hard working ant and YoYo wants to do nothing but play.
3½", 903-5571. 5¼", 905-5571, 19.95

Alphabet Read Along
Features each letter of the alphabet with colorful graphics and speech.
3½", 903-5317. 5¼", 905-5317, 19.95

Counting Read Along
Includes two stories, London Town and Hi, Ho, Come to the Zoo.
3½", 903-5318. 5¼", 905-5318, 19.95

Feet Read Along
Story of some feet that wander far from home and find their way back.
3½", 903-5319. 5¼", 905-5319, 19.95

Little Mike
Learn the value of telling the truth.
3½", 903-5570. 5¼", 905-5570, 19.95

My House
Tale of a boy who wants to leave home and have his own house.
3½", 903-5573. 5¼", 905-5573, 19.95

The Tallest Boy
In this story, a boy gets his wish to be the tallest boy in the world.
3½", 903-5572. 5¼", 905-5572, 19.95

Curious George Visits the Library
The world's most famous monkey introduces children to position words and concepts in a unique interactive story.
900-2777 . . . . 24.95

The Dinosaur Discovery Kit —It Talks!
Zug the Megasaurus is the most amazing dinosaur! Playing with Zug and his friends, children learn about their favorite prehistoric creatures and gain pre-reading and reading skills.
900-2765 . . . . 35.95

First Letters and Words —It Talks!
Ted E. Bear teaches your children letter and word recognition. (Talking version.)
900-3369 . . . . 34.95

MS-DOS Software

READING/LANGUAGE ARTS (cont.)

Flodd, The Bad Guy School Edition

The Lapware programs in the Reading Magic Library bring a new dimension to the tradition of shared story-telling. Help Alex wrestle with his dilemma: how best to use the three wishes from his magic lamp to stop Flodd, the Bad Guy.
3½", 903-5736. 5¼", 905-5736, 44.95

Jack and the Beanstalk School Edition

The Reading Magic Library brings a new dimension to the tradition of shared story-telling. In this whimsical retelling of the fairy tale classic, the choices are up to you. Enjoy great adventures as this enchanting tale unfolds.
3½", 903-5735.
5¼", 905-5735 . . . . 44.95

Joshua's Reading Machine

SchoolMate Education Network by Tandy — Joshua's Reading Machine includes 37 Mother Goose Rhymes, Children's Songs and Aesop's Fables. Younger children develop word recognition skills. Older children develop vocabulary and sentence context skills.
3½", 903-1464. 5¼", 905-1464, 35.95
SchoolMate. 900-5653 . . . . . . 250.00

Letters

Each letter has a little story with related words, graphics, and sound effects. The user can record and hear his/her own voice. Requires no additional hardware on the Tandy 1000 SL and TL.
3½", 903-5740.
5¼", 905-5740 . . . . 29.95

Reader Rabbit School Edition

Reader Rabbit is now available in a "talking" version. Using the speech capabilities of the Tandy 1000, Reader Rabbit pronounces each word as students learn to recognize, remember and spell an extensive vocabulary of over 200 three-letter words.
5¼", 905-5541 . . . . 79.95

Reading and Me

Prepares children for reading and builds early reading skills. Twelve sequential learning games teach about readiness, phonics, the alphabet and words.
3½", 903-3359.
5¼", 905-3359 . . . . 35.95

Stickybear Alphabet

Spectacular graphics and sound make learning the alphabet a fun, delightful and enriching experience. Teaches and reinforces word and letter recognition and other essential pre-reading skills.
3½", 903-2786. 5¼", 905-2786, 44.95

Stickybear Reading

Hundreds of word/picture sets and thousands of put-together sentence parts help build vocabulary and reading comprehension skills. Students build skills in matching words and pictures correctly while they learn all about subjects, verbs and objects.
3½", 903-5302.
5¼", 905-5302 . . . . 35.95

Story Mix

Story Mix is excellent for beginning readers. Students compose their own stories by selecting story parts from a menu of four choices for each of six pages. Graphics are used for interest and motivation. Story Mix 1 Ivar (people/places). Story Mix 2 At The Zoo (animals).
Story Mix 1. 3½", 903-5311.
5¼", 905-5311 . . . . 21.95
Story Mix 2. 3½", 903-5312.
5¼", 905-5312 . . . . 21.95

MULTIPLE SKILLS

DLM Early Childhood Series

SchoolMate Education Network by Tandy — DLM's Early Childhood series includes: COMPARISON KITCHEN — learn objects by color, shape, and size; NUMBER FARM — learn beginning number concepts; and ALPHABET CIRCUS — learn letter recognition, alphabetical order, and text creation.
SchoolMate. 900-5661 . . . . . . 499.00

Mixed-Up Mother Goose

Mother Goose has misplaced some of the characters and items from her classic nursery rhymes. Children are rewarded for finding the randomly located objects and characters.
900-1210 . . . . 23.95

Learning Library

Developed by the Children's Television Workshop, the producers of Sesame Street.
I. 900-3375 . . . . 19.95
II. 900-1212 . . . . 19.95

Stepping Stones

SchoolMate Education Network by Tandy — Geared to the beginner, Stepping Stones offers an entertaining introduction to the fundamentals of learning. Stepping Stones I includes 3 programs for the alphabet, counting, spelling, and vocabulary. Stepping Stones II takes the primary-grade child from reading games to addition problems, combining fun with solid educational experience.
Bonus Pack. 3½", 903-2783.
5¼", 905-2783 . . . . 44.95
I. **SchoolMate.** 900-5655 . . . . 250.00
II. **SchoolMate.** 900-5656 . . . . 250.00

Foreign Language

Bataille des Mots

This exciting French vocabulary program teaches words involving food, school, travel, sports, daily life and occupations. This five part program includes a word display which gives meanings and sentences to nouns, verbs and adjectives for each topic.
3½", 903-5427.
5¼", 905-5427 . . . . 49.95

Batalla de Palabras

This exciting Spanish vocabulary program teaches words involving food, school, travel, sports, daily life and occupations. This five part program includes a word display which gives meanings and sentences to nouns, verbs and adjectives for each topic.
3½", 903-5425.
5¼", 905-5425 . . . . 49.95

R.S.V.P. French

An engrossing French language program with a notional functional base, that improves reading, writing, spelling and grammar skills while reinforcing syntax and vocabulary. Students must fill in the missing letters or words to complete the text.
3½", 903-5428. 5¼", 905-5428, 59.95

R.S.V.P. Spanish

An engrossing Spanish language program with a notional functional base, that improves reading, writing, spelling and grammar skills while reinforcing syntax and vocabulary. Students must fill in the missing letters or words to complete the text.
3½", 903-5426.
5¼", 905-5426 . . . . 59.95

Word Attack! French

Students learn new words and definitions as they build vocabulary skills essential to reading and writing.
3½", 903-1422.
5¼", 905-1422 . . . . 44.95

Word Attack! Spanish

Students learn new words and definitions as they build vocabulary skills essential to reading and writing.
3½", 903-1421. 5¼", 905-1421, 44.95

Wortgefecht

This exciting German vocabulary program teaches words involving food, school, travel, sports, daily life and occupations. This five part program includes a word display which gives meanings and sentences to nouns, verbs and adjectives for each topic.
3½", 903-5423.
5¼", 905-5423 . . . . 49.95

LOGIC/PROBLEM SOLVING

Alpine Tram Ride

Sharpens problem-solving and deductive logic skills using a unique variation of the game MASTERMIND. Learners must apply a deductive strategy to discover which of ten animals is traveling in each of four tram cars.
3½", 903-5411.   5¼", 905-5411, 19.95

Animal Hotel

This multi-leveled memory game for early learners is similar to the game CONCENTRATION. The object of this game is to remember which animals are hidden behind up to six shutters. Builds memory skills and early reading skills.
3½", 903-5412.
5¼", 905-5412 . . . . 19.95

Bike Hike

Bicycle past animals and objects. The users try to remember which animals they have passed and the number of times each passed by. Helps develop reading readiness and memory skills.
3½", 903-5413.
5¼", 905-5413 . . . . 19.95

Clowning Around

Challenge, captivate and fascinate children while building memory skills critical to success in all school subjects, including: observing/recalling, comparing/classifying, pattern recognition and problem analysis.
3½", 903-5408. 5¼", 905-5408, 19.95

Concept Mapping

SchoolMate Education Network by Tandy   Concept Mapping is about learning how to learn. It helps students to understand and organize new information in a way that fosters meaningful learning through association of concepts both newly acquired and previously learned.
3½", 903-5637.
5¼", 905-5637 . . . . 69.00
SchoolMate. 900-5649 . . . . . . 350.00

Early Learning Curriculum Pack

A comprehensive instructional package of four software programs from Learning Technologies, including Animal Hotel, Bike Hike, Clowning Around and Learning to Add and Subtract. Includes lesson plans, reproducible worksheets and offline activities.
3½", 903-5415.
5¼", 905-5415 . . . . 74.95

Enrichment Curriculum Pack

A comprehensive instructional package of four software programs from Learning Technologies, including Alpine Tram Ride, Math in a Nutshell, Monkey Business and Pipeline. Includes lesson plans, reproducible worksheets and offline activities.
3½", 903-5416. 5¼", 905-5416, 74.95

Gertrude's Puzzles School Edition

Six challenging puzzles, more advanced than those in Gertrude's Secrets, encourage students to think analytically. By ordering and sorting playing pieces by shape and color, students learn to recognize patterns and relationships.
5¼", 905-5479 . . . . 59.95

Gertrude's Secrets School Edition

This classic program uses friendly Gertrude the Goose to build basic thinking and problem-solving skills. Students manipulate colorful playing pieces as they learn important classification, grouping and sequencing skills.
5¼", 905-5478 . . . . 59.95

Homeworker

SchoolMate Education Network by Tandy   With Homeworker, students can plan and write papers, create flashcards for memorization tasks, keep track of important deadlines, and make what-if predictions while computing grade point averages.
SchoolMate. 3½", 903-5660.
5¼", 905-5660 . . . . 299.95

Lovejoy's Preparation for the SAT

Includes 25 separate practice modules, extensive help screens, scratch pad and four-function calculator. Features two practice exams that contain information on how to anlayze Math, Verbal and English questions for the best results.
900-2813 . . . . 44.95

Monkey Business

The challenge of Monkey Business is to use the fewest possible moves to stack a specified number of monkeys of varying sizes so that the top monkey can reach apples hanging from a tree branch. Students learn problem-solving skills.
3½", 903-5409. 5¼", 905-5409, 19.95

Pipeline

The challenge of Pipeline is to use any combination of eight pipe segments to connect a water tap with a specfied number of objects, so that when the water is turned on, it flows to each object. Students learn problem-solving skills.
3½", 903-5410. 5¼", 905-5410, 19.95

The Puzzle Storybook —It Talks!

Zug the Megasaurus is back with his multi-media problem solving experiences. Combining language arts activities with visual discrimination projects, Zug leads children through a graphic playground of learning opportunities.
900-2766 . . . . 35.95

Remember!

A powerful tool for remembering facts, lists, sequences, and relationships. Promotes long-term retention required in a wide variety of subjects, from vocabulary to foreign languages, to history, chemistry, biology and more.
3½", 903-5092.
5¼", 905-5092 . . . . 49.95

Rocky's Boots School Edition

This widely acclaimed program develops skills in logical thinking and encourages creative problem solving. Students use the concepts of simple electronic circuitry and circuit design to learn logic in a motivating, innovative environment.
5¼". 905-5454 . . . . 69.95

Scenario—Tools for the Mind

Introduces students of all ages to more structured thinking. It provides the opportunity to develop computer programs as it increases their language arts skills and stimulates their creativity.

Scenario Talk & Text

This powerful learning tool uses the latest speech technology to foster reading, writing, computing and thinking skills.
3½", 903-5582.
5¼", 905-5582 . . . . 39.95

Scenario Toolbox

SchoolMate Education Network by Tandy   Includes a set of tools for learning and presenting ideas and projects with text, graphics, music and speech.
3½", 903-5583. 5¼", 905-5583, 89.95
SchoolMate. 900-5685 . . . . . 1,000.00

Scenario Workstation

SchoolMate Education Network by Tandy   Complete set of tools to create powerful interactive software with text, graphics, music, logic, answer analysis, borrow and interactive video capabilities.
3½", 903-5584. 5¼", 905-5584, 489.95
SchoolMate. 900-5684 . . . . . 4,000.00

Think Quick!

This fast-paced adventure game helps children develop important thinking skills needed for future learning.
3½", 903-3284. 5¼", 905-3284, 44.95

Vee-Diagramming

SchoolMate Education Network by Tandy   The Vee-Diagram is a way of understanding the structure of knowledge and the ways in which humans produce knowledge. It explains how conclusions drawn from new knowledge and new information reflect broad background knowledge already possessed.
3½", 903-5638. 5¼", 905-5638, 69.00
SchoolMate. 900-5650 . . . . . . 350.00

MATHEMATICS

WHOLE NUMBER OPERATIONS

Alien Addition

SchoolMate Education Network by Tandy — The fast-action game format and colorful graphics of Alien Addition provide exciting drill and practice in addition.
900-5130 .... 46.00
SchoolMate. 900-5662 ...... 199.00

Alligator Mix

SchoolMate Education Network by Tandy — The fast-action game format and colorful graphics provide exciting drill and practice in addition and subtraction skills.
900-5134 .... 46.00
SchoolMate. 900-5718 .... 199.00

Demolition Division

SchoolMate Education Network by Tandy — The fast-action game format and colorful graphics of Demolition Division provide exciting drill and practice in division.
900-5133 .... 46.00
SchoolMate. 900-5717 ...... 199.00

Dragon Mix

SchoolMate Education Network by Tandy — The fast-action game format and colorful graphics of Dragon Mix provide exciting drill and practice in multiplication and division. A large dragon protects the city from invading forces.
900-5135 .... 46.00
SchoolMate. 900-5719 ...... 199.00

Facts Match Addition

Students match answers with word names and addition combination in a game-like setting. Facts used are from $0 + 0 = 0$ to $9 + 9 = 18$. Features three levels of difficulty, four speeds of motion, graded sequence of facts, and optional manual speed control.
3¹/₂″, 903-5313. **5¹/₄″,** 905-5313, 21.95

Facts Match Division

Students match answers with word names and division combination in a game-like setting. Facts used are from $1 \div 1 = 1$ to $81 \div 9 = 9$. Features three levels of difficulty, four speeds of motion, graded sequence of facts, and optional manual speed control.
3¹/₂″, 903-5316. **5¹/₄″,** 905-5316, 21.95

Facts Match Multiplication

Students match answers with word names and multiplication combination in a game-like setting. Facts used are from $1 \times 0 = 0$ to $9 \times 9 = 81$. Features three levels of difficulty, four speeds of motion, graded sequence of facts, optional manual speed control.
3¹/₂″, 903-5315. **5¹/₄″,** 905-5315, 21.95

Facts Match Subtraction

Students match answers with word names and subtraction combination in a game-like setting. Facts used are from $1 - 1 = 0$ to $18 - 9 = 9$. Features three levels of difficulty, four speeds of motion, graded sequence of facts, and optional manual speed control.
3¹/₂″, 903-5314.
5¹/₄″, 905-5314 .... 21.95

Learning to Add and Subtract

Early learners practice addition and subtraction of one digit numbers. These challenging games use graphics and animation to gain and sustain the learner's interest and attention.
3¹/₂″, 903-5406. **5¹/₄″,** 905-5406, 19.95

Math Facts Games

Motivating practice on the 400 basic math facts in addition, subtraction, multiplication and division. Students may choose operations at any one of four levels of difficulty.
Set 1. 3¹/₂″, 903-5271.
5¹/₄″, 905-5271 .... 34.95
Set 2. 3¹/₂″, 903-5272.
5¹/₄″, 905-5272 .... 34.95

Math Maze

Players learn addition, subtraction, multiplication and division facts as they move a fly through a maze, collecting math answers. The faster they answer, the more points they earn. Includes 40 different mazes and several different skill levels.
3¹/₂″, 903-5085. **5¹/₄″,** 905-5085, 35.95

MathTalk—It Talks!

DeskMate User Interface by Tandy — Special Version for Childrens' Use — Meet Professor Matt A. Matics, MathTalk's talking tutor extraordinare. Make math pages of your own addition, subtraction, multiplication, or division problems.
25-1272 .... 34.95

Meteor Multiplication

SchoolMate Education Network by Tandy — The fast-action game format and colorful graphics of Meteor Multiplication provide exciting drill and practice in multiplication. Students master multiplication facts as they disintegrate meteors.
900-5132 .... 46.00
SchoolMate. 900-5716 ...... 199.00

Minus Mission

SchoolMate Education Network by Tandy — The fast-action game format and colorful graphics of Minus Mission provides exciting drill and practice in subtraction.
900-5131 .... 46.00
SchoolMate. 900-5663 ...... 199.00

Path Tactics

Students combine strategy with math skills as they race to move robots along a track by correctly solving basic addition, subtraction, multiplication, and division problems. Allows students with different math abilities to compete equally.
3¹/₂″, 903-5287. **5¹/₄″,** 905-5287, 54.00

Stickybear Math 1

Young learners solve sets of addition and subtraction problems.
3¹/₂″, 903-5300. **5¹/₄″,** 905-5300, 35.95

Stickybear Math 2

Allows children to practice multiplication and division.
3¹/₂″, 903-5534. **5¹/₄″,** 905-5534, 35.95

PROBLEM SOLVING

Homework Helper: Math Word Problems

Shows how to analyze and solve all different kinds of word problems.
3¹/₂″, 903-3130. **5¹/₄″,** 905-3130, 44.95

Math in a Nutshell

Learners see an equation in which a question mark replaces the arithmetic operation signs. The challenge is to choose the correct combination of arithmetic operations to solve problems.
3¹/₂″, 903-5407. **5¹/₄″,** 905-5407, 19.95

Stickybear Word Problems

Help Stickybear solve important word problems—the link between mathematics and our everyday practical world.
3¹/₂″, 903-1364. **5¹/₄″,** 905-1364, 44.95

FRACTIONS/DECIMALS/PERCENT

MathTalk Fractions—It Talks!

Professor Matt A. Matics of MathTalk fame is back again! This time he's ready to help you master fractions, decimals, and percents.
900-3377 .... 34.95

Measurements

SchoolMate Education Network by Tandy — In Chaos City clothes don't fit, houses fall down, and engines are too small for the cars. The student teaches the citizens the metric system of measurement for linear measurement, area measurement, volume and weight.
3¹/₂″, 903-5636. **5¹/₄″,** 905-5636, 59.00
SchoolMate. 900-5648 ..... 295.00

Money

Provides drill in money skills, motivates students with an arcade-style reward game, and includes a program/student management system.
3¹/₂″, 903-5468. **5¹/₄″,** 905-5468, 54.95

SECONDARY MATHEMATICS

Alge-Blaster
Helps pre-algebra and algebra students develop an understanding of the algebraic process, and learn the basic steps in solving algebraic equations.
3½", 903-2821. 5¼", 905-2821, 44.95

Algebra
SchoolMate Education Network by Tandy Includes numbers and functions, number lines, square roots and distance, areas and perimeters, algebraic expressions, simplifying expressions, graphs of equations, and more.
900-5402 . . . . 49.95
SchoolMate. 900-5687 . . . . . . 500.00

Calculus
SchoolMate Education Network by Tandy Functions, limits, derivatives, areas — the central concepts of calculus come into sharp focus. Includes function graphs, symbolic differentiation, and more.
900-5399 . . . . 49.95
SchoolMate. 900-5688 . . . . . . 500.00

Mission: Algebra
Your sister ship is stranded in space and you've got to get her back. Your only recourse? Using linear equations.
3½", 903-5090.
5¼", 905-5090 . . . . 14.95

Perimeter, Area & Volume
Combines guided drill in geometry skills, an arcade-style reward game, and a program/student management system.
3½", 903-5555. 5¼", 905-5555, 54.95

Pre-Calculus with Trigonometry
SchoolMate Education Network by Tandy Explore the basic ideas of trigonometry and pre-calculus. Includes functions and graphs, angles and measurement, and more.
900-5400 . . . . 49.95
SchoolMate. 900-5689 . . . . . . 500.00

MULTIPLE SKILLS

Math Blaster!
An award-winning program that helps students in grades 1 through 6 master basic math facts.
3½", 903-3068.
5¼", 905-3068 . . . . 44.95

Math Blaster Mystery
Track the "Equation Detective" through a variety of problem-solving math mysteries.
25-1319 . . . . 44.95

Math Blaster Plus!
SchoolMate Education Network by Tandy The program contains over 750 basic math problems covering addition, subtraction, multiplication, division, fractions, decimals, and percents.
25-1200 . . . . 44.95
SchoolMate. 3½", 903-5658.
5¼", 905-5658 . . . . 299.95

Math Blaster Workbooks
To enhance your child's education at home or at school, Davidson offers a series of workbooks that can be used with Davidson's software or separately.
900-5547 . . . . 19.95

Number Master
A mental arithmetic skill builder for whole number addition, subtraction, multiplication and division.
900-5158 . . . . 69.95
Network 4. 900-5166 . . . . 299.95

Reading/ Language Arts
READING

Parts of Speech
Combines guided drill in identifying parts of speech, an arcade-style reward game, and a program/student management system.
3½", 903-5554. 5¼", 905-5554, 54.95

Ramble
Language-oriented exercise that can cover most any topic, given a suitable vocabulary of pictures, words and text. Includes sample vocabularies.
3½", 903-5739.
5¼", 905-5739 . . . . 49.95

Read 'N Roll
320 original stories improve reading comprehension in five skill areas.
3½", 903-1279.
5¼", 905-1279 . . . . 44.95

Speed Reading Tutor IV
Successfully combines interesting lessons, personalized feedback and exciting games to help improve reading speed and comprehension.
905-3340 . . . . 35.95

Starting With Phonics
Starting With Phonics trains children to correctly decode and pronounce words by mastering the recognition of vowel-consonant combinations.
900-5018 . . . . 39.95

Stickybear Parts of Speech
Nouns, pronouns, verbs, adverbs, adjectives, conjunctions, prepositions and interjections are all covered in a fun way! Using word lists, sentences and paragraphs, children learn to recognize parts of speech.
3½", 903-5545. 5¼", 905-5545, 44.95

Stickybear Reading Comprehension
Improve reading skills with this amazing multilevel reading comprehension program. Begin with more than 30 stories stored on disk, or enter your own stories and questions.
3½", 903-5533. 5¼", 905-5533, 44.95

Verb Viper
SchoolMate Education Network by Tandy A bright, fun approach to learning subject/verb agreement with regular and irregular verbs in present tense, past tense, and past participle form.
900-5124 . . . . 46.00
SchoolMate. 900-5720 . . . . . . 199.00

Vocabulary Development
Designed to help children ages 8 to 11 increase their vocabularies and strengthen reading skills, using built-in or custom word lists.
3½", 903-1365. 5¼", 905-1365, 44.95

Winning With Phonics
Winning With Phonics trains students to decode and pronounce words. This outstanding game program includes an encyclopedic 1289 games that provides practice in virtuallly all structural or phonetic parts of words. Meets IEP requirements.
900-5019 . . . . 39.95

Word Attack Plus!
SchoolMate Education Network by Tandy Word Attack Plus teaches new words and definitions as students build vocabulary skills essential to reading and writing.
3½", 903-1218. 5¼", 905-1218 . . 44.95
SchoolMate. 3½", 903-5659.
5¼", 905-5659 . . . . 299.95

Word Attack! Workbooks
To enhance your child's education at home or at school, Davidson offers a series of workbooks that can be used with Davidson's software or separately.
900-5548 . . . . 44.95

Word Invasion
SchoolMate Education Network by Tandy Word Invasion provides students with a friendly alien octopus to help them identify the six parts of speech.
900-5125 . . . . 46.00
SchoolMate. 900-5722 . . . . . . 199.00

MS-DOS Software

READING (cont.)

Word Man

SchoolMate Provides a tricky maze to help students form words with the consonant-vowel-consonant and consonant-vowel-consonant-silent e patterns.
900-5126 . . . . 46.00
SchoolMate. 900-5721 . . . . . . 199.00

Word Master

SchoolMate Word Master provides students with a fun approach to identifying pairs of antonyms, synonyms, and homonyms.
900-5129 . . . . 46.00
SchoolMate. 900-5725 . . . . . . 199.00

Word Radar

SchoolMate Word Radar provides students with a bright, fun approach to matching basic sight words.
900-5128 . . . . 46.00
SchoolMate. 900-5724 . . . . . . 199.00

SPELLING

Magic Spells School Edition

Magic Spells is one spelling program students will never outgrow! In a magical kingdom, readers at all levels sharpen spelling skills by unscrambling words and spelling flashed words.
5¼". 905-5476 . . . . 59.95

Spell It!

Lets the user master 1000 of the most frequently misspelled words with four separate learning activities. Reinforces spelling rules.
3½", 903-3147. 5¼", 905-3147, 44.95

Spellagraph

If they like rebuses—picture and letter puzzles—they're going to love Spellagraph. Includes 400 words divided by grade level, 200 picture puzzles and different levels of game play.
3½", 903-5087. 5¼", 905-5087, 39.95

Spellakazam

When children pick the letters that correctly spell a word, a magician releases animals from his hat in this action maze game.
3½", 903-5086. 5¼", 905-5086, 29.95

Speller Bee—It Talks!

DeskMate SPELLER BEE utilizes First Byte's Smooth-Talker speech technology to give you a powerful, talking spelling tool.
25-1232 . . . . 34.95

Spelling Wiz

SchoolMate Spelling Wiz provides students with a bright, fun approach to learn more than 300 commonly misspelled words.
900-5127 . . . . 46.00
SchoolMate. 900-5723 . . . . . . 199.00

Stickybear Spellgrabber

Youngsters build vocabulary and spelling skills and keep Stickybear hopping and jumping in three spelling activities.
3½", 903-5303. 5¼", 905-5303, 44.95

WRITING

Child Writer

Word processor easy enough for a second grader to use. Helps students learn to write.
3½", 903-5104. 5¼", 905-5104, 54.95

Children's Writing & Publishing Center School Edition

DeskMate User Interface by Tandy. Special Version for Childrens' Use. Develop written communication skills. Combines word processing, pictures and page design to help children produce first-class illustrated text.
5¼". 905-5610 . . . . 89.95

Double Up

SchoolMate Double Up is designed to give students practice in putting sentences together so that they see how grammar and syntax work. Includes a library of texts in English, French and German.
SchoolMate. 3½", 903-5673.
5¼", 905-5673 . . . . 139.95

The Grammar Examiner

Hundreds of grammar problems in punctuation, capitalization, verb tenses, subject-verb agreement, adverb and adjective usage and homonyms.
3½", 903-5091. 5¼", 905-5091, 39.95

Grammar Gremlins

A comprehensive grammar program offering effective practice with skill-building activities and a fun-filled game.
3½", 903-3148. 5¼", 905-3148, 44.95

Mark-Up

SchoolMate Mark-Up gives learners the practice they need to master the rules of punctuation, including: capital letters, periods, commas, question marks, apostrophes, quotation marks, exclamations and colons.
SchoolMate. 3½", 903-5674.
5¼", 905-5674 . . . . 139.95

Proteus

SchoolMate Proteus is an innovative pre-writing tool that teaches writers of all abilities to generate and develop ideas.
3½", 903-5098. 5¼", 905-5098, 59.95
SchoolMate. 3½", 903-5675.
5¼", 905-5675 . . . . 139.95

Rhubarb

SchoolMate Rhubarb presents learners with a masked text in which all of the letters have been changed into a letter of the word RHUBARB. The learner's task is to reconstruct the text by using logic.
SchoolMate. 3½", 903-5676.
5¼", 905-5676 . . . . 139.95

The Rhyming Notebook— It Talks!

The Rhyming Notebook's simple, easy-to-use format makes it a practical solution for writers, poets, and lyricists who need an extensive rhyming dictionary.
900-2767 . . . . 35.95

Sequitur

SchoolMate Sequitur presents the learner with the first line of a text of prose, poetry or dialog. The students select the next line.
SchoolMate. 3½", 903-5677.
5¼", 905-5677 . . . . 139.95

Term Paper Writer

Simplifies each step in writing a term paper: note taking, organizing ideas, outlining, text editing, footnoting, and compiling bibliographies. Uses Turabian, APA or MLA styles.
900-2811 . . . . 35.95

Writer Rabbit School Edition

Students identify sentence parts and construct sentences and learn grammar concepts.
5¼". 905-5475 . . . . 69.95

Write On! Tandy Special Collection

SchoolMate Lets you turn DeskMate's TEXT word processor into a process writing tool. Write On! provides writing activities, and uses word processing functions to develop process writing skills. Stand-alone, site license or on SchoolMate.
Primary. 3½", 903-5616.
5¼", 905-5616 . . . . 350.00
Upper Elementary. 3½", 903-5617.
5¼", 905-5617 . . . . 350.00
Intermediate. 3½", 903-5618.
5¼", 905-5618 . . . . 350.00
Secondary. 3½", 903-5619.
5¼", 905-5619 . . . . 350.00

READING/LANGUAGE ARTS & SCIENCE

MULTIPLE SKILLS

Breaking Language Barriers
Recommended for anyone who is interested in achieving a greater proficiency in standard English, for dialect and language delayed speakers.
3½", 903-5714.   5¼", 905-5714, 69.95

Computer Mad Libs—It Talks!
New twists and surprises await you as computer technology is applied to the World's Greatest Party Game—MAD LIBS. Built-in speech technology allows you to hear your stories spoken.
900-3348 . . . . 19.95

Create With GARFIELD! Deluxe Edition
Design personalized GARFIELD posters, cartoons, labels and more. Stimulates writing and artistic skills, encourages creative thinking, offers practice in writing dialogue and helps develop a sense of design, balance, sequencing and spatial relations.
900-5580 . . . . 35.95

Garfield Trivia
Six different categories of trivia questions built in, or write your own!
900-2779 . . . . 24.95

KidTalk—It Talks!
DeskMate User Interface by Tandy
Special Version for Childrens' Use
Letters, numbers, words or sentences you type will be spoken back to you in a male or female voice. 900-3365 . . . . 34.95

Monsters & Make Believe
Bring thousands of magical characters to life by mixing and matching a huge variety of body parts.
3½", 903-2769.   5¼", 905-2769, 35.95

Once Upon a Time
SchoolMate Education Network by Tandy
Children can write their own stories, create illustrations, and produce their own illustrated books!
I. 3½", 903-3314. 5¼", 905-3314, 35.95
I. SchoolMate. 900-5654 . . . . 300.00
II. 3½", 903-2784.
5¼", 905-2784 . . . . 35.95
II. SchoolMate. 900-5742 . . . . 300.00

SmoothTalker—It Talks!
DeskMate User Interface by Tandy
Special Version for Childrens' Use
Converts English text from the keyboard into speech!
900-3368 . . . . 34.95

Talking Text Writer
Combines a word processor and a speech synthesizer. An Echo 1000 board repeats aloud whatever a child types in.

Preschoolers and primary school children can write their own stories and experiment with sounds, words and ideas.
25-1240 . . . . 249.95

Text Tangler
SchoolMate Education Network by Tandy
Text Tangler is a discovery-learning based program that creates text reconstruction puzzles from ASCII text files.
SchoolMate. 3½", 903-5678.
5¼", 905-5678 . . . . 139.95

Science

BIOLOGY

The Body Transparent
Learn the organs and bones of the human body in a challenging game.
3½", 903-5094.   5¼", 905-5094, 39.95

Population Genetics Simulator
SchoolMate Education Network by Tandy
Test ideas in evolutionary biology by setting up and running simulations.
3½", 903-5640.   5¼", 905-5640, 69.00
SchoolMate. 900-5652 . . . . . . 350.00

Statistics-Tutor
SchoolMate Education Network by Tandy
Statistics-Tutor teaches statistical concepts important to the biology student.
3½", 903-5639.   5¼", 905-5639, 89.00
SchoolMate. 900-5651 . . . . . . 445.00

EARTH SCIENCE

Designasaurus
Teaches biological classifications, food chain theories, ecological balance and prehistorical events.
3½", 903-5549.   5¼", 905-5549, 35.95

Weather Flight
SchoolMate Education Network by Tandy
Go with Pilot Pete to six destinations.
3½", 903-5635.   5¼", 905-5635, 59.00
SchoolMate. 900-5646 . . . . . . 295.00

HEALTH & NUTRITION

Diet Balancer
A health/nutrition guide that puts complete nutritional data at your fingertips.
3½", 903-1455.
5¼", 905-1455 . . . . 74.95

NutriFit
Displays your daily intake of over 30 essential nutrients. Itemizes calories, protein, fats and carbohydrates.
3½", 903-3301.   5¼", 905-3301, 49.95

Take Control of Your Cholesterol
A food lover's guide to lower cholesterol, with a wealth of special recipes.
3½", 903-1206.   5¼", 905-1206, 39.95

Substance Abuse Education
SchoolMate Education Network by Tandy
The programs contain up-to-date information on drugs, their effects, reasons for abstaining and alternatives to substance abuse.

Each program includes a self-test, a drill and practice lesson, and a graphical tutorial in color.

Cocaine Education
3½", 903-5691.   5¼", 905-5691, 39.95
SchoolMate. 900-5679 . . . . . . 200.00

Drinking & Not Drinking: The Choice is Yours—Alcohol
3½", 903-5535.   5¼", 905-5535, 39.95
SchoolMate. 900-5680 . . . . . . 200.00

Keep Off The Grass—Marijuana
3½", 903-5536.   5¼", 905-5536, 39.95
SchoolMate. 900-5681 . . . . . . 200.00

Tobacco Education
3½", 903-5690.   5¼", 905-5690, 39.95
SchoolMate. 900-5682 . . . . . . 200.00

Understanding AIDS
SchoolMate Education Network by Tandy
The program is designed to teach young adults and the general public about AIDS. The factual and up-to-date information is based on the Surgeon General's recommendations and follows the Centers for Disease Control guidelines.
3½", 903-5540.   5¼", 905-5540, 49.95
SchoolMate. 900-5683 . . . . . . 250.00

LIFE SCIENCE

Life Cycle of a Plant
SchoolMate Education Network by Tandy
This autobiography of a seed uses diagrams to graphically illustrate to students the names and parts of a plant as it goes through its life cycle.
3½", 903-5597.   5¼", 905-5597, 59.00
SchoolMate. 900-5643 . . . . . . 295.00

Living and Non-Living
SchoolMate Education Network by Tandy
Learn to distinguish between living and non-living things by testing each as to the four functions of living cells: metabolism, growth, responsiveness, and reproduction.
3½", 903-5634.   5¼", 905-5634, 59.00
SchoolMate. 900-5645 . . . . . . 295.00

SCIENCE

LIFE SCIENCE (cont.)

Seed Classification

SchoolMate Education Network by Tandy — Seed Classification teaches the scientific skills of observation and classification. Students learn how to make a model of the interior of a seed.
3½", 903-5595.
5¼", 905-5595 . . . . 59.00
SchoolMate. 900-5641 . . . . . : 295.00

Seed Dispersal

SchoolMate Education Network by Tandy — Seed Dispersal emphasizes the scientific skills of problem solving, making inferences and drawing conclusions.
3½", 903-5596.
5¼", 905-5596 . . . . 59.00
SchoolMate. 900-5642 . . . . . . 295.00

Uses of Plants

SchoolMate Education Network by Tandy — In The Uses of Plants, students are invited to a Royal Banquet at the Flower Palace in the Kingdom of the Plants. The lesson is designed to help the student develop an understanding of the dependence of man on plant life.
3½", 903-5598.
5¼", 905-5598 . . . . 59.00
SchoolMate. 900-5644 . . . . . . 295.00

PHYSICAL SCIENCE

Matter, Matter Everywhere

SchoolMate Education Network by Tandy — In Matter, Matter Everywhere, Marvin the Magician invites students to the Great Matter Show. Students discover what things in the world are made of as well as how things change from one state to another.
3½", 903-5599.
5¼", 905-5599 . . . . 59.00
SchoolMate. 900-5647 . . . . . . 295.00

Science Toolkit School Edition

Science Toolkit turns your computer into a working scientific instrument that is easier to use, more precise, and less expensive than many conventional pieces of lab equipment.
3½", 903-5593.
5¼", 905-5593 . . . . 89.95

Science Toolkit Module 1 School Edition

Students record and analyze acceleration, thrust, wind resistance and centrifugal force with the Science Toolkit Module 1. With the Speed and Motion Module, your physical science class can study the same phenomena that NASA scientists deal with every day.
3½", 903-5594. 5¼", 905-5594, 49.95

SOCIAL STUDIES

American History Art Gallery

American History Art Gallery starts with Columbus and ends with the spaceship Columbia. Covers government and politics, territorial expansion, technological inventions, and cultural events.
3½", 903-5606. 5¼", 905-5606, 49.95

Balance of Power School Edition

Bring the realities of international politics home to your classroom. This unparalleled simulation challenges students' use of research and reasoning skills to direct global politics.
3½", 903-5322. 5¼", 905-5322, 59.95

European Nations & Locations

Traveling teaches you more than just geography. You learn about important landmarks, capitals, neighboring countries, even historical and current events. The same thing happens when you play European Nations & Locations.
3½", 903-5093. 5¼", 905-5093, 39.95

Jenny's Journeys

While visiting their Aunt Jenny, students use her car to explore Lake City, using their newly acquired map-reading skills to find their way around. Kids learn to use a map index, find locations, and plan a travel route.
3½", 903-5288. 5¼", 905-5288, 54.00

The Market Place

With The Market Place, future entrepreneurs set up their own business selling apples, tomato plants, and lemonade. Students learn the basic economic concept of supply and demand.
3½", 903-5289. 5¼", 905-5289, 54.00

SchoolWorks Social Studies

Combine SchoolWorks data files with Microsoft Works and you instantly have the most useful tool any educator could want. Includes templates for 15 databases, lesson plans, worksheets, activity sheets, quizzes and more.
Social Studies.
3½", 903-5709. 5¼", 905-5709, 75.00
States and Presidents.
3½", 903-5710. 5¼", 905-5710, 75.00

See the U.S.A.

SchoolMate Education Network by Tandy — An exciting geography game for the whole family. Creates challenging cross-country trips that make learning the states and their capitals easy and fun.
900-3135 . . . . 44.95
SchoolMate. 900-5657 . . . . . 300.00

Social Studies Teacher: Black History

Social Studies Teacher is an instructional program for Social Studies using Black History as a model. Teach dates, events, famous people, terms, and impart facts and information in any areas which students need to learn.
3½", 903-5715.
5¼", 905-5715 . . . . 79.95

States & Traits

States & Traits combines U.S. geography, history and current events. Move states to their proper location on a map of all the states or a region. Play the numerous traits games and identify where the information belongs on the map.
3½", 903-5089.
5¼", 905-5089 . . . . 39.95

TimeLiner

SchoolMate Education Network by Tandy — Turn your printer into a time line making machine! With a computer and a printer, you and your students can create time lines of any length with whatever information you want.
SchoolMate. 3½", 903-5686.
5¼", 905-5686 . . . . 350.00

Where in Europe is Carmen Sandiego? School Edition

This newest Carmen Sandiego adventure takes students on a wild chase through all 34 European nations. Along the way they learn about European geography, history, economy and culture while developing organizational, analytical and research skills.
3½", 903-5581.
5¼", 905-5581 . . . . 54.95

Where in the U.S.A. is Carmen Sandiego? School Edition

Sharpen your students' problem-solving skills and knowledge of geography as they chase Carmen through all 50 states plus the District of Columbia. Students must decipher clues relating to U.S. and state history, geography, economy and culture.
3½", 903-5531.
5¼", 905-5531 . . . . 54.95

Where in the World is Carmen Sandiego? School Edition

Why is Carmen Sandiego so popular with teachers and students alike? Because it makes geography fun—while teaching students to analyze information, use reference materials and take notes. Students learn world geography, history, economics and more.
3½", 903-5530.
5¼", 905-5530 . . . . 49.95

MODEL III/4 SOFTWARE

	GRADE: P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NET WORK	NOTES
	AGE: 4	5	6	7	8	9	10	11	12	13	14	15+				
KEYBOARDING SKILLS																
Junior Typer			█	█	█	█	█	█	█				Tutorial with Drill	Aquarius Instructional	2/3/4	
Personalized Typing			█	█	█	█	█	█	█	█	█		Tutorial with Drill	Aquarius Instructional	2/3/4	A
MATHEMATICS																
Graphing is Fun						█	█	█	█	█			Tutorial	Aquarius Instructional	2/3	
K-8 Math		█	█	█	█	█	█	█	█				Drill	Radio Shack	2/3/4	B
Money			█	█	█	█	█	█					Drill	Gamco Industries		
Solving Word Problems						█	█	█	█	█	█		Tutorial with Drill	Aquarius Instructional	2/3	
Survival Math Series									█	█	█	█	Tutorial with Drill	Aquarius Instructional	2/3	
Visual Discrimination	█	█	█	█	█								Drill	Aquarius Instructional	2/3	
READING/LANGUAGE ARTS																
Capitalization					█	█	█	█	█	█			Drill	Gamco Industries		
Child Writer - Model 4				█	█	█	█	█	█	█			Word Processing	TCE Programs		C
End Punctuation					█	█	█	█	█	█			Drill	Gamco Industries		
Parts of Speech					█	█	█	█	█	█			Drill	Gamco Industries		
Proteus						█	█	█	█	█	█	█	Tutorial	Research Design		
Vocabulary Development		█	█	█	█	█	█	█	█	█	█	█	Instructional Game	Aquarius Instructional	2/3/4	

Minimum System: 48K Model III/4 with one disk drive. A—Personalized Typing (90-5447) requires two disk drives. B—K-8 Math (26-1715) requires 16K cassette system or 32K disk drive system. C—Child Writer (90-5099) is for the Model 4 only and requires 64K.

KEYBOARDING SKILLS

Junior Typer

Junior Typer is the keyboarding program elementary teachers have been looking for! Students learn touch typing, basic keyboarding awareness, and correct fingering. Colorful graphics make developing speed and accuracy challenging and fun.
90-5445 . . . . 45.00

Personalized Typing

Initial practice in letter location advances to letter groupings, words and phrases. Drills are available at three different speeds, and increase along with increases in student's keyboarding skills.
90-5447 . . . . 29.95

MATHEMATICS

Graphing is Fun

Provides students with simplified instruction on the purpose, interpretation and construction of Bar Graphs, Picture Graphs, Pie Graphs and Line Graphs. The computer brings graphs to life enabling students to conceptualize the mathematics involved.
90-5370 . . . . 55.00

K-8 Math

K-8 Math is an excellent aid in drilling students on new concepts as they are introduced or reviewing concepts that were previously taught. Includes number concepts, addition, subtraction, multiplication and division.
26-1715 . . . . 199.00

Money

Money combines drill in money skills, an arcade-style reward game, and a program/student management system. Students choose from four lessons and four levels. Problems are randomly generated and students are given three opportunities to answer.
90-5121 . . . . 54.95

Solving Word Problems

Instructs students in the use of a step-by-step procedure for solving word problems. Reading level is kept low so that students may concentrate on the problem-solving procedure.
90-5368 . . . . 85.00

Survival Math Skills

Students practice whole number operations, fractions, percents, and decimals while solving problems dealing with purchasing, managing a checking account, and comparative shopping.
90-5372 . . . . 85.00

Visual Discrimination

Students develop and improve their ability to discriminate shapes, numbers, letters, and words. Provides practice at varying levels of difficulty.
90-5379 . . . . 95.00

READING/LANGUAGE ARTS

Capitalization

Capitalization combines guided drill in capitalization, an arcade-style reward game, and a program/student management system. Students capitalize the correct words in randomized sentences.
90-5119 . . . . 54.95

Child Writer

A word processor easy enough for a second grader, yet versatile enough for home use. Helps students learn to write, also teaches children about the computer and word processing.
Model 4. 90-5099 . . . . 54.95

End Punctuation

End Punctuation combines guided drill in the use of end punctuation, an arcade-style reward game, and a program/student management system. Students provide the punctuation for randomized sentences.
90-5122 . . . . 54.95

Parts of Speech

Parts of Speech combines guided drill in identifying parts of speech, an arcade-style reward game, and a program/student management system. Students identify the given part of speech in randomized sentences.
90-5120 . . . . 54.95

Proteus

Proteus is an innovative prewriting tool that teaches writers of all abilities to generate and develop ideas and information prior to using a word processor. Includes lesson plans for integrating the program into existing curricula.
90-5157 . . . . 59.95

Vocabulary Development

Using a "Hangman" vocabulary game format, Vocabulary Development features word lists and clues created by the teacher or student. Good for extensive word list memorization or technical vocabulary. Stores up to 30 word games of 50 words each.
90-5377 . . . . 29.95

TEACHER UTILITIES

Exam Builder

A powerful question storage and test generation system for teachers. Up to 150 questions can be generated per exam. Items can be selected randomly by computer or selected by the teacher. This is a menu-driven program, so no prior computer knowledge is required.
90-5028 . . . . 99.95

Gradekeeper 3.0

Gradekeeper manages up to 36 students in 18 different classes, with up to 30 sets of scores for each student. Allows weighting of scores, ranks scores, and scales scores to desired range. Gradekeeper 3.0 was developed by a teacher to keep his own grades.
90-5258 . . . . 39.95

Color Computer Software

	GRADE: P	K	1	2	3	4	5	6	7	8	9	10+	INSTRUCTIONAL TECHNIQUE	PRODUCT SUPPORT	NW2	NOTE
	AGE: 4	5	6	7	8	9	10	11	12	13	14	15+				
KEYBOARDING SKILLS																
Junior Typer		■	■	■	■	■	■						Drill/Tutorial	Aquarius Instructional	Y	
Keyboard (ECB)			■	■	■	■	■	■	■	■	■	■	Drill	B5 Software	Y	
MATH																
Clock (ECB)			■	■	■	■	■	■					Drill	B5 Software	Y	
Fractions					■	■	■	■	■	■			Drill/Tutorial	TCE Programs	Y	A
Mathfact (ECB)			■	■	■	■	■	■	■				Drill	B5 Software	Y	
Money (ECB)			■	■	■	■	■	■					Drill	B5 Software	Y	A
Recess Games (ECB)			■	■	■	■	■	■	■	■			Problem Solving	B5 Software	Y	
READING/LANGUAGE ARTS																
ABC's in Color (ECB)	■	■	■										Drill/Tutorial	TCE Programs		A
B5 Word Files					■	■	■	■	■	■	■		Drill	B5 Software		
Child Writer					■	■	■	■	■	■	■		Word Processing	TCE Programs		
English Review						■	■	■	■	■	■	■	Drill	TCE Programs		A
Hangword/Scramble (ECB)				■	■	■	■	■	■	■	■		Instructional Game	B5 Software	Y	
Reading Comprehension				■	■	■	■	■					Drill/Tutorial	American Educational		
Spell Bomber (ECB)				■	■	■	■	■	■	■	■		Drill/Game	TCE Programs	Y	A
Spelling (ECB)				■	■	■	■	■	■	■	■		Drill	B5 Software	Y	
Verb Review						■	■	■	■	■	■	■	Drill	TCE Programs	Y	A
Weekly Speller				■	■	■	■	■	■	■	■	■	Drill	TCE Programs	Y	

Minimum System: 16K cassette system or 32K disk drive system. NW2 - Compatible with Network 2. ECB - Extended Color BASIC required. A - 16K cassette or disk drive system. See descriptions for the availability of tape, disk and Network 2 versions.

KEYBOARDING SKILLS

Junior Typer
Junior Typer is the keyboarding program elementary teachers have been looking for! Students learn touch typing, basic keyboarding awareness, and correct fingering. Colorful graphics make developing speed and accuracy challenging and fun.
Disk. 900-5446 . . . . 45.00

Keyboard
Keyboard helps familiarize students with the location of the keys on the computer. A large graphic keyboard enables the user to find keys quickly. Home keys are identified and proper fingering may be taught to older students. Skill levels range from simple alphabet presentations to standard typing drills. Lessons end with graphic reward.
Tape.
900-5197 . . . . 19.95
Disk.
900-5199 . . . . 26.95

MATHEMATICS

Clock
A large graphic clock with synchronized hands helps children to practice telling time. Includes five skill levels: hour, half hour, quarter hour, 5 minutes and 1 minute levels. Clock is self-paced, provides positive feedback and a reward after each lesson. The Radio Shack Speech/Sound Program Pak can be used.
Tape. 900-5181 . . . . 24.95
Disk. 900-5182 . . . . 26.95

Fractions
The Fractions program explains fractions through the use of colorful graphics. The student studies the different ways fractions can be represented. The lessons include improper fractions, mixed fractions, and proper fractions. Fractional equivalents are displayed through the use of motion and color. Fractions practice offers a random computer-generated quiz.
Tape.
900-5039 . . . . 19.95
Disk.
900-5040 . . . . 23.95

Mathfact
Mathfact motivates students to learn the basic math facts. Includes addition, subtraction, multiplication, and division. Students select the operation and the specific number they wish to practice or a mixed presentation. Students self-correct their errors. Includes 2 skill levels.
Tape.
900-5189 . . . . 18.95
Disk.
900-5190 . . . . 20.95

Money
With Money's easy-to-read, large graphic coins children practice counting coins. The 5 skill levels range from counting only dimes, nickels and pennies to counting various combinations of all coins which can total more than $1.00.
Tape.
900-5183 . . . . 19.95
Disk.
900-5184 . . . . 21.95

Recess Games
Recess Games provides an enjoyable format for using higher-level thinking skills. Games include Treasure Hunt (using a grid), Masterbrain, Tic Tac Toe, and Number Guess. Each game encourages logical reasoning. Multi-leveled so children of different ages can play the games they are best suited for. One or two player option.
Tape.
900-5200 . . . . 19.95
Disk.
900-5201 . . . . 21.95

READING/ LANGUAGE ARTS

ABC'S in Color
At last, a reading tool that begins at the beginning—the ABCs! All 26 letters of the alphabet spring up in color to the familiar "A-B-C" tune. Then, colorful detailed pictures depicting each individual letter appear one by one. The child's fascination will mount as he or she correctly presses the letter on the keyboard and is rewarded with a musical tune before the next detailed picture is drawn line by line onto the screen: AIRPLANE for A, BUS for B, CLOWN for C and so on to ZEBRA for Z. Truly a must program for the preschool to first grade age group as children learn to associate letters with names of objects.
Tape.
900-5033 . . . . 19.95
Disk.
900-5034 . . . . 25.95

COLOR COMPUTER SOFTWARE

READING/ LANGUAGE ARTS (cont.)

B5 Word Files

Designed for use with B5's Spelling, Hangword/Scramble, and Keyboard, these word files are organized into lessons based on various phonics rules. Includes over 1,000 words. The word files cannot be used alone.

2-4 Tape.
900-5556 . . . . 26.95
2-4 Disk.
900-5557 . . . . 26.95
5, 6 & Misspell Tape.
900-5558 . . . . 26.95
5, 6 & Misspell Disk.
900-5559 . . . . 26.95

Child Writer

A word processor easy enough for a second grader, yet versatile enough for home use. Helps students learn to write, also teaches children about the computer and the application of word processing. Anything you can do with a typewriter you can do better with Child Writer.

Disk.
900-5032 . . . . 54.95
Network 2.
900-5100 . . . . 99.00

English Review

Noun, verb, adverb, or adjective? Could your child use a reinforcing practice exercise to strengthen understanding of these parts of speech? English Review is an interactive program which will give your child confidence in how these parts of speech are used.

Tape.
900-5035 . . . . 21.95
Disk.
900-5036 . . . . 25.95

Hangword/Scramble

Wrong letter guesses in "Hangword" build a graphic display of the word "sorry". "Scramble" requires the user to unscramble letters in order to spell a word correctly. Ready-made word lists can be purchased separately (see B5 Word Files).

Tape.
900-5193 . . . . 19.95
Disk.
900-5194 . . . . 21.95

Reading Comprehension

Improves reading comprehension in finding main ideas, cause and effect, similarity and differences, and in predicting outcomes and differentiating between fact and opinion. Reinforces skills taught in school.

Disk.
900-5528 . . . . 19.95

Spell Bomber

As captain of your ship, you must destroy the enemy bomber by spelling the mystery word. The bomber gets closer with each inaccurate letter. You have only eight tries to guess the mystery word or your ship will be bombed! Three levels are available.

Tape.
900-5042 . . . . 18.95
Disk.
900-5043 . . . . 22.95

Spelling

Students input up to 30 words per lesson and save them to disk or cassette. Accepts words with apostrophes, hyphens and spaces. Ready made word lists may be purchased separately (see B5 Word Files).

Tape. 900-5191 . . . . 19.95
Disk. 900-5192 . . . . 21.95

Verb Review

With Verb Review, your child will practice past, present, and future tense verbs. Sentences are randomly presented with a choice of verb tense. The use of reinforcement throughout the program will help in the development of better English skills.

Tape.
900-5037 . . . . 18.95
Disk.
900-5038 . . . . 22.95

Weekly Speller

Enter your child's spelling list and let the computer do the rest. Up to 75 words, each as long as 14 letters, can be entered and saved at one time. Your child will spend hours learning his words and enjoying the game-style graphics and sound.

Tape. 900-5041 . . . . 16.95
Disk. 900-5101 . . . . 22.95
Network 2. 900-5102 . . . . 29.95

PRODUCTIVITY

Color File II

No more hectic searching for information! Color File II has pre-defined formats for addresses, warranties, home inventory, car maintenance and others. You can also create special files for personal use. Save your files on cassette tape.

ROM Pack. 26-3110 . . . . 24.95

Color SCRIPSIT II

An easy-to-use word processor that includes a "view" function allowing you to preview the formatted text a full page at a time. Change the format-control information while viewing the page. Insert, delete, move and duplicate words, sentences and paragraphs. Includes text search and replace.

ROM Pack. 26-3109 . . . . 29.95

Color DeskMate

An integrated package of seven commonly used personal productivity applications on one disk: Text, Ledger, Index Cards, Paint, Telecom, Calendar and Calculator. DeskMate is user friendly, and lets you select icon-identified applications easily using a mouse, joystick or keyboard arrow keys. TEXT—A general-purpose text entry and editing program that performs search and replace; file merge; and block select, copy and delete. It's ideal for writing correction-free letters, memos and short reports. LEDGER—A simple spreadsheet which includes an easy-to-use menu and automatic column formatting. You can use Ledger to do budgeting, sales forecasting, profit and loss projections and other "What if...?" calculations. INDEX CARDS—A personal filing system. You can enter and edit data and perform simple sorts and searches. It's ideal for keeping track of names and addresses. PAINT—A four-color picture editor for creating graphics screens. You can easily create lines, shapes, patterns, fill in areas with color and enter text. Using Paint, you can create colorful charts, graphs, designs, even "doodles" on your screen, then print a copy on a dot-matrix or ink-jet printer. TELECOM—A communications program that lets you access national information services, (requires modem). CALENDAR—A simple monthly calendar that displays your "to-do's" for any date. CALCULATOR—A four-function calculator at the touch of a button within any DeskMate application.

Hardware Requirements: 64K Extended Color BASIC and disk drive.
Disk. 26-3259 . . . . 59.95

DeskMate 3

Designed exclusively for the power of the Color Computer 3. Includes the same features as DeskMate (above), but with a 40/80 column switchable display for Text, Ledger and Telecom.

Hardware Requirements: Color Computer 3.
Disk. 26-3269 CMC 69.95

Spectaculator

An electronic spreadsheet for planning, forecasting and problem solving. Great for engineering computations, financial projections, even family budgets. This computerized columnar pad allows you to enter numbers in a row and column format. Spreadsheets can be as large as 99 rows and 99 columns. Change a value or formula and all affected figures are updated. You can also type headings and labels on your worksheets for professional-quality reports. You can "erase" your worksheet while leaving the format and formulas intact. You can run totals of each column and the grand total, then save your worksheets to tape or disk for later revision and use.

ROM Pack. 26-3104 . . . . 29.95

SOLUTIONS FOR STUDENTS AT RISK

Students at risk have come to national attention as an economic and social issue of immense magnitude. Technology plays an important role in reducing the number of students at risk by providing effective learning environments. Tandy has teamed with leading educational systems producers to provide solutions for at-risk populations.

CONTROL DATA Control Data's Local PLATO Delivery System meets the education needs of at-risk students. LPDS and PLATO curricula have been used at high-school and post-secondary levels in dropout prevention, recovery programs, adult literacy, GED developmental studies and pre-vocational training programs. Focused on providing students with the academic skills needed to succeed in any area.

Nobody wins when students drop out. Now Jostens Learning Corporation introduces a program that helps prevent students from dropping out, and encourages drop-outs to come back to school. The At-Risk Learning System includes 27 lessons that help teach at-risk students nine essential life skills. Lessons are relevant to the student's particular situation.

Wasatch Education Systems Wasatch believes that at-risk students deserve to stretch their minds in meaningful ways. The use of manipulatives in mathematics enhances student learning while helping students become active and responsible learners. Students also experience quality literature and real-life science simulations. Designed to give at-risk students thinking and analysis skills. Learn more today! For more information, contact your nearest Radio Shack for the name of your Education Marketing Manager.

Substance Abuse Education

SchoolMate Education Network by Tandy — This series is designed to augment strategies for primary prevention of substance abuse. It is designed to provide important information for anyone concerned with drug abuse. The programs contain up-to-date information on drugs, their effects, reasons for abstaining and alternatives to substance abuse. Each program contains a self-test, drill and practice lesson, and graphical tutorial. The self-test indicates the learner's knowledge about the drug and its effects. The drill and practice session consists of drug-related terms, and the tutorial explains all aspects of drugs using graphics.

Cocaine Education. 3½", 903-5691.
5¼", 905-5691 . . . . 39.95
SchoolMate. 900-5679 . . . . 200.00
Drinking & Not Drinking: The Choice is Yours—Alcohol. 3½", 903-5535.
5¼", 905-5535 . . . . 39.95
SchoolMate. 900-5680 . . . . 200.00
Keep Off the Grass—Marijuana. 3½", 903-5536.
5¼", 905-5536 . . . . 39.95
SchoolMate. 900-5681 . . . . 200.00
Tobacco Education. 3½", 903-5690.
5¼", 905-5690 . . . . 39.95
SchoolMate. 900-5682 . . . . 200.00

Computerized Educational Resources

Breaking Language Barriers. Pinpoints deficiencies that can interfere with standard English proficiency. Recommended for anyone interested in achieving a greater proficiency in standard English. Ideal for dialect and language delayed speakers, or those who want to refine their English grammar skills. For ages eight through adult.
3½", 903-5714. 5¼", 905-5714 . . . . 69.95

Alternative Input Devices for Disabled Computer Users

TASH PC Mini Keyboard

A A small size keyboard with closely spaced membrane keys. Very little force is required to activate keys, and only a small range of movement is necessary to access the entire keyboard.
900-2320 . . . . 700.00

DADA PC Serial A.I.D.

B Provides access to standard MS-DOS software for those who are unable to use a standard keyboard. Connects to a variety of devices.
900-2190 . . . . 325.00

TASH Ability Switches

Use these switches to operate technical aids, such as educational aids. PC Serial A.I.D. required.
C TASH Pneumatic Dual Switch. Operated by puffing and sipping. Includes extended tube for swivel clamp mounting.
900-2201 . . . . 210.00
D TASH CA-2 Connector Adapter. Connects Pneumatic Switch, other dual switches to the PC Serial A.I.D.
900-2205 . . . . 30.00
E TASH Round "Cupped" Switch. 1.8" diameter. Single action switch.
900-2203 . . . . 40.00
F TASH Mini Cup Switch. 1" diameter. Single action switch.
900-2204 . . . . 35.00
G TASH Square Pad Switch. 5½" × 5½". Single action switch.
900-2202 . . . . 75.00
H TASH Red Plate Switch. 3½" × 3½". Single action. Low operating force required.
900-2194 . . . . 55.00
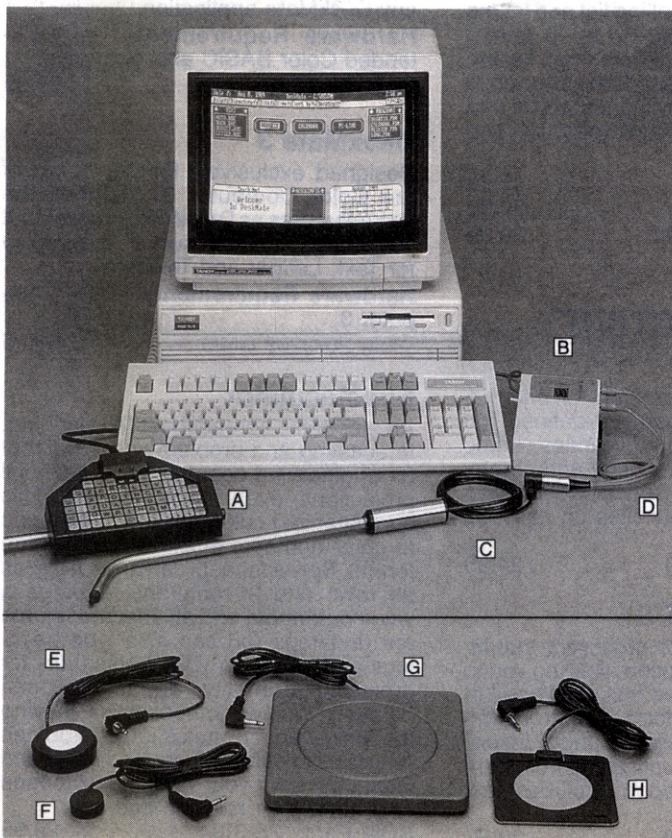
DISCOVER THE WORLD ON CD-ROM
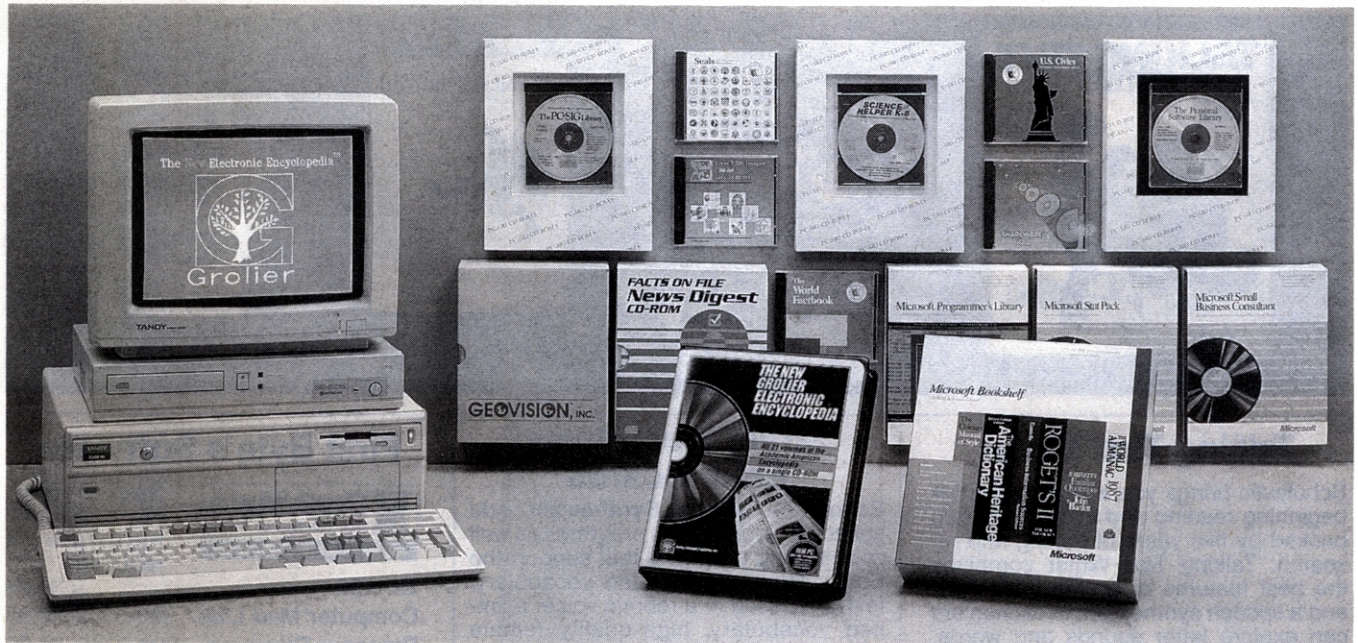
CD-ROM—A Breakthrough in Information Distribution

A CD-ROM player puts an entire reference library as close as your PC! Literally millions of facts and figures plus entire reference works are available on CD-ROM discs. The ability to store large amounts of information on inexpensive CD-ROM discs has introduced computer applications that were previously impractical. These discs resemble standard compact audio discs, but a single CD-ROM (Read Only Memory) disc is capable of providing up to 600 megabytes of data! The discs are small and durable so they can be easily carried or mailed. Instead of leafing through book after book, let your PC and CD-ROM look through mountains of data to bring you just the information you need.
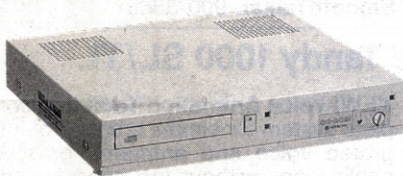
Hitachi CD-ROM Slimline Drive

995.00

Open your computer to volumes of information with this slim line stand alone drive. It uses CD-ROM applications (listed below) that hold more information than any 5¼" or 3½" floppy disk. Comes with an interface card and Microsoft CD-ROM extensions. For Tandy 1000/3000/4000/PC compatibles. 900-2156 . . . . 995.00

CD-ROM Applications: Software for Home or Education

Microsoft Bookshelf. Library of 10 useful reference works, including *The American Heritage Dictionary, Roget's II: Electronic Thesaurus* and *Bartlett's Familiar Quotations.* Works with leading word processors.
900-5501 . . . . 295.00

Microsoft Small Business Consultant. Over 200 publications from the Small Business Administration and other government agencies.
900-5504 . . . . 149.00

Microsoft Stat Pack. U.S. Government facts and figures on the economy, politics, demographics, manufacturing, industry, trade, agriculture and business.
900-5509 . . . . 125.00

NEW! Microsoft Programmer's Library. 48 reference books from Microsoft and more.
900-5620 . . . . 395.00

NEW! GEOdisc U.S. Atlas. Access and manipulate a vast amount of geographical data about the United States.
900-5506 . . . . 595.00

The Bible Library. With 9 Bibles and 18 references, including Bible language dictionaries, word studies, commentaries and more. 900-5513 . . . . 595.00

Science Helper K-8. With almost 1,000 science and mathematics lesson plans. Lessons include abstracts.
900-5604 . . . . 195.00

Facts On File: News Digest. Basic facts of U.S. and world news from 1980 to 1987. 900-5628 . . . . 695.00

Seals of the U.S. Federal Govt. With 588 images of agencies and bureaus of the Federal Govt.
900-2891 . . . . 69.95

How to Become a U.S. Citizen. Full text database describes information each U.S. citizen and potential U.S. citizen should know. 900-2892 . . . . 99.00

Shareware Gold. Popular shareware programs are contained in this authorized, virus-free disc.
900-2893 . . . . 79.95

Wheeler Clip Art. Thousands of clip art images are available on this disc scanned at 300 DPI in the TIFF format.
900-2894 . . . . 249.00

Agricola. Contains fully indexed and rapidly accessible agricultural records from the current file.
900-2895 . . . . 99.00

PC-SIG Library 6th Edition. The largest collection of shareware on disc! Popular among educators.
900-5696 . . . . 495.00

Personal Software Library. Relatively inexpensive resource for education and applications software and much more!
900-5697 . . . . 195.00

Grolier's Electronic Encyclopedia. A superior research tool with over 4000 articles. Allows full-text searches.
900-5503 . . . . 395.00

The World Fact Book. The CIA's annual almanac that describes political and foreign affairs.
900-2890 . . . . 99.00

MUSIC AND SPEECH
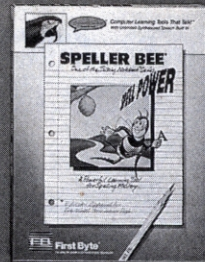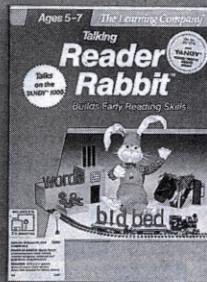
Talking Text Writer

Scholastic brings you a highly effective beginning reading and writing program backed by five years of testing and research. Talking Text Writer combines the best features of a word processor and a speech synthesizer. Preschoolers can explore letter sounds and words, hearing what they write. Primary school children can write their own stories, experimenting with sounds, words, and ideas in an environment that encourages exploration with language. Talking Text Writer builds skills and self-confidence in the learning disabled, bilingual or trainable retarded student. Includes the Echo 1000 Speech Synthesizer. 25-1240 . . . . 249.95

Reader Rabbit

Using the speech capabilities of the Tandy 1000, four animated games help develop fundamental reading and spelling skills. Children improve their letter and word recognition, memory skills and vocabulary. The carefully sequenced games increase in difficulty as your child's skills grow.
25-1216 . . . . 44.95

Reader Rabbit School Edition. The School Edition of Reader Rabbit includes a backup disk, and a comprehensive Teacher's Guide with student activity sheets and detailed scope and sequence charts.
5¼". 905-5541 . . . . 79.95

The Music Studio 3.0

TC DeskMate User Interface by Tandy

Create, edit and play the music of your dreams with this complete music composition and editing tool for your Tandy computer. Edit and play up to three songs at one time. This DeskMate version has real-time MIDI input/output with 16 channels. Requires 512K or Tandy 1000 SL. 25-1234 . . . . . . 79.95
The Music Studio. A complete orchestra of instruments is at your call to create, mix, modify and play your own compositions.
5¼", 905-3065 . . . . 35.95

Street Electronics Echo Boards

Echo PC+ Speech Synthesizer. Add speech to your custom programs as well as to talking programs that support the Echo. Provides unlimited vocabulary, text-to-speech in a robotic voice; a limited vocabulary, high-quality female voice that uses little memory; and a digitized voice.
900-2164 . . . . 179.95
Echo 1000 Speech Synthesizer. Same advanced voice-synthesis features as 900-2164 (above) for use with the Tandy 1000 HX/EX.
900-2163 . . . . 149.95
Berta-Max Read Along Series supports the Echo Board—see page 13.

Animated Voice for the Tandy 1000 SL/TL

NEW! Special Affects. Speech therapy and voice training via realtime graphic and audio feedback of voice attributes. Developed by speech pathologists to improve communication skills of speech/hearing/language disordered persons.
3½", 903-5737.
5¼", 905-5737 . . . . 495.00

NEW! Ramble. Designed to improve reading, cognition and speaking skills. This language-oriented exercise can cover most any topic, given a suitable vocabulary of pictures, words and text. Tool for accent removal and ESL.
3½", 903-5739.
5¼", 905-5739 . . . . 49.95

Ad Lib PC Music System

Complete musical hardware/software package. With 11-voice Ad Lib Music Synthesizer card, Juke Box Playback program, Visual Composer software and instructions.**5¼",** 905-2155, 245.00

Instrument Maker. Instrument maker gives you the power to invent new instrument sounds.
3½", 903-3253. **5¼",** 905-3253, 49.95

Music Championship #1. Teaches you to listen to and identify seven basic musical characteristics—from tempo and key to register and rhythm.
3½", 903-3254. **5¼",** 905-3254, 39.95

First Byte's Software

TC DeskMate User Interface by Tandy
Special Version for Childrens' Use

Speller Bee. No additional hardware is required.
25-1232 . . . . 34.95
Computer Mad Libs. 900-3348, 19.95
Dinosaur Discovery. 900-2765, 35.95
First Letters & Words.900-3369, 34.95
First Shapes. 900-3367 . . . 34.95
KidTalk. 900-3365 . . . . 34.95
MathTalk. 25-1272 . . . . 34.95
MathTalk Fractions. 900-3377, 34.95
Puzzle Storybook. 900-2766 . . 35.95
Rhyming Notebook. 900-2767, 35.95
SmoothTalker. 900-3368 . . . . . 34.95

NEW! Voice Animation Toolkit. A complete system for simple creation of integrated voice and animated graphics applications without the need for conventional programming.
3½", 903-5738.
5¼", 905-5738 . . . . 99.95

NEW! Letters. Learning the ABC's for youngsters and ESL students. Each letter has a little story with related words, graphics and sound effects. Emphasizes the use of voice interaction in an enjoyable, yet productive, format.
3½", 903-5740.
**5¼",** 905-5740 . . . . 29.95

MIDI Interface Board

Now you can use your personal computer to compose, edit, store and play back your original compositions. User-installable board allows simultaneous recording of up to 4 separate MIDI networks. Includes sequencing software for up to 48 tracks, plus individual MIDI event reading and real-time interactive controls. For Tandy 1000/3000/PC-compatibles. **5¼",** 905-2119, 695.00

COMPUTERS AND ACCESSORIES
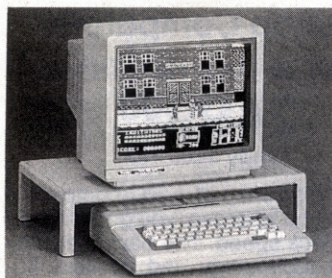
Popular Color Computer 3®

199⁹⁵

Less Monitor and Monitor Stand

- 64 Brilliant Colors
- Sharp, Crisp Graphics
- Expands as Skills Grow

128K Extended BASIC Color Computer 3. Perfect for all kinds of educational applications. Use with high-resolution monitor (like 26-3215, below) or your own TV. UL listed AC. 26-3334 . . . . 199.95
CM-8 RGB Analog Color Monitor. 26-3215 . . . . . 299.95

FD-502 Color Thinline Disk #0

299⁹⁵

- Stores Over 156,672 Characters of User Data Per Disk
- Plugs Into Program Pak™ Port
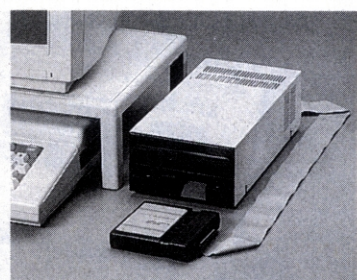
FD-502. For Color Computers with Extended BASIC. 5¼″ double-sided, double density, 40-track disk drive, Program Pak cartridge, cable, blank diskette, manual and operator's instructions. UL listed AC. 26-3133 . . . . 299.95

Our Renowned 32K Tandy 102

599⁰⁰

- 40 × 8 LCD Display
- Five Built-In Programs
- Direct-Connect Modem

Tandy 102. Use built-in programs for word processing, address/phone directory, appointment calendar, telephone auto-dialer, or write your own in BASIC. Parallel, RS-232C, cassette/bar code reader interfaces. Requires four "AA" batteries.
26-3803 . . . . 599.00

Model 4D With DeskMate

1199⁰⁰

- 64K Internal Memory
- Two Built-In 5¼″ Disk Drives Provide 736K Total Storage

Stylish, self-contained desktop with a 12″ built-in 80 × 24 display. Ideal for educators and home users. Includes parallel printer interface and RS-232C serial interface, as well as DeskMate productivity software. UL listed.
26-1070 . . . . 1199.00

Joystick/Mouse Controller
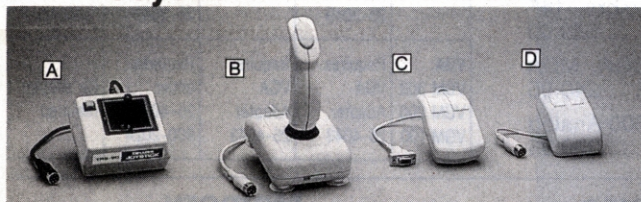
[A] **New Low Price! Deluxe Joystick.** Get accurate cursor control and quicker response. Select "spring-centering" or "free-floating". Was $29.95 in RSC-20. 26-3012 . . . . 22.95
[B] **NEW! Pistol Grip Joystick.** "Spring-centering", 2-button joystick is designed for high energy gaming. 26-3123, 29.95
[C] **Tandy Serial Mouse.** Plugs into serial port and is Microsoft compatible. With DB9 F connector. 25-1040 . . . . 49.95
[D] **Deluxe Color Mouse.** Simply roll across tabletop to position the cursor. Two buttons for Tandy 1000-compatible software. With 6-pin DIN male connector. 26-3125 . . . . . 49.95

Projection Systems
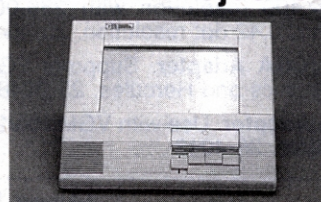
Computer Accessories Corp. Proxima Data Display 400 for CGA/EGA. A data projection panel that projects computer-generated images in 16-color simulation to a large screen or wall via a standard overhead projector (not included). Connects to video port of computer. 900-2296 . . . . 1599.00

Kodak Datashow HR System For CGA/EGA. Projection system that gives new life to lectures, classes and seminars. Allows you to project in 8-tone gray scale what is on your computer's monitor through an overhead projector (not included). With remote control. 900-2282 . . . . 1795.00

Drawing Tablets
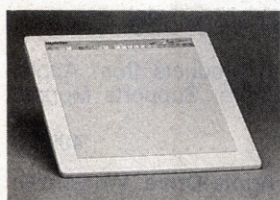
- Lets You Draw In Free Form
- Can Be Used In Intricate Applications Like CAD
- For Use With Tandy and Other PC Compatibles

Kurta IS/ONE Tablets with 4-Button Cursor. 12 × 17″.
900-2196 . . . . 995.00
Kurta IS/ONE Tablet with 4-Button Cursor. 12 × 12″.
900-2195 . . . . 645.00
Kurta IS/ONE Replacement Cursor.
900-2197 . . . . 100.00

Scanners

[A] **AVR Megascan II Scanner.**
5¼″, 905-2210 . . . . 3290.00

AVR MegaRead OCR Software.
5¼″, 905-2211 . . . . 495.00

[B] **The Complete PC Scanner 400.** 5¼″, 905-2140 . . . . 249.00

Ricoh RS-320 Scanner.
5¼″, 905-2215 . . . . . . 1495.00

Carets OCR Software.
5¼″, 905-2219 . . . . 395.00
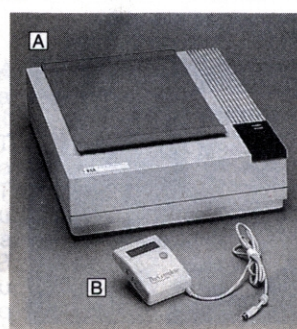
THE BEST IN CLASSROOM COMPUTING

Portable Tandy 1400 Laptop Computers

With 2 Floppy Drives
1499.00
Tandy 1400 FD

NEW FOR '90

**With 20-Meg. Hard Drive**
2499.00
Tandy 1400 HD

The Tandy 1400 has all the power and efficiency of a PC-compatible desktop computer, yet you can take it with you wherever you go. Its 8088-equivalent NEC V-20 has a fast 8 MHz clock speed. The backlit display utilizes the latest in "supertwist" LCD technology and delivers 80-character by 25-line resolution—the same as a full-sized monitor. And because the 1400 is IBM PC-compatible, you'll never have trouble finding software. The 1400 features a real-time clock, parallel printer adapter, RGBI monitor output for connecting a CM-5 or CM-11 color monitor, an RS-232C serial interface and removable battery pack. Take computing power with you—wherever you go! With MS-DOS 3.3 and GW-BASIC.

Tandy 1400 FD. 25-3501 .... 1499.00
Tandy 1400 HD. 25-3505 .... 2499.00

Monitors and Adapters
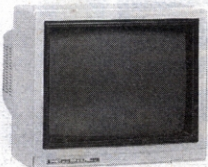
CM-5 Color Monitor. 13" screen displays 80 × 25 text, 320 × 200 graphics. 25-1043 ...... 299.95
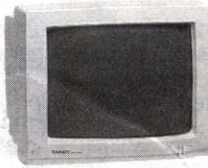
CM-11 Color Monitor. 13" screen displays 80 × 25 text, 640 × 200 graphics. 25-1024 ...... 399.95

VM-5 Monochrome Monitor. 12" screen displays 80 × 25 text, 720 × 350 graphics. 25-3012, 149.95

VGM-100 High-Resolution Analog Monochrome Monitor. 640 × 200 resolution with 64 varying shades of gray. 14" screen. 25-4040 .... 199.95

VGM-200 Analog Color Monitor. 640 × 400 resolution with 256,000 colors. 14" screen, 0.31 dot resolution. 25-4041 .... 499.95

VGM-300 High-Resolution Color Monitor. 640 × 400 resolution with 256,000 colors. 14" screen, 0.42 dot resolution. 25-4042 .... 629.00

EGA/CGA Adapter. Supports EGA, CGA, MDA Plantronics and Hercules. 25-3048 ..... 249.95

VGA Adapter. Use with VGM 100/200/300 Analog Monitors. 25-4043 .... 399.95

Monitor	Computer			
	1000 1000 SX 1000 TX	1000 SL 1000 TL 1000 TL/2	3000- series 4000 4000 LX	4000 SX 4020 LX 4025 LX 5000 MC
CGA: CM-11 CM-5	No adapter required	No adapter required	Requires EGA/CGA Adapter 25-3048	N/A
Monochrome: VM-5	Requires Monochrome Graphics Adapter 25-3049	No adapter required	Requires Monochrome Graphics Adapter 25-3049	N/A
VGA: VGM 300 VGM 200 VGM 100	Requires VGA Adapter 25-4043	Requires VGA Adapter 25-4043	Requires either 25-4043 or 900-2024	No adapter required

Floppy Drives

5¼" 360K Disk Drive Kit for Tandy 1000 SX/TX/SL/TL. 25-1063 .... 169.95

3½" 720K Disk Drive Kit for Tandy 1000 HX. 25-1065 .... 169.95

3½" 720K Internal Floppy for Tandy 1000 TL. 25-1075 .... 169.95

New! 3½" to 5¼" Adapter. Use with 25-1075. 25-1076 .... 34.95

Hard Drives

New Low Price! 20-Meg. Hard Disk Card. Was $599.00 in RSC-20. 25-1032 .... 499.95

New Low Price! 40-Meg. Hard Disk Card. Was $799.00 in RSC-20. 25-4059 .... 699.95

New! For Tandy 1000 TL/2 Only. 20-Meg. SmartDrive™. 25-1045 .... 399.95

40-Meg. SmartDrive. 25-1046, 599.95

Memory

Memory PLUS Expansion Adapter. Expands your 1000 EX/HX to 384K and adds DMA circuit. 25-1062 .... 149.95

256K RAM Upgrade Kit. Adds 256K to Memory PLUS Expansion Adapter (above) or expands Tandy 1000 SX from 384K to 640K. 25-1079 ..... 149.95

128K Memory Kit for Tandy 1000 TX/SL/TL. 25-1078 .... 69.95

TRACKSTAR Gives You The Best of Both Worlds

New! TRACKSTAR E*. Now you can run Apple IIc educational and game software on your Tandy 1000 SX/SL/TX or TL computer with the new TRACKSTAR E adapter. Imagine having the best of both worlds in one computer. Thousands of Tandy 1000s with the TRACKSTAR adapter are used in schools where they provide instructional support on a variety of software. And TRACK-STAR E now supports a hard drive and can be used on the school network. It's compatible with programs from M.E.C.C., Sunburst and The Learning Company and products from Apple-works, Printshop and more. Supports Muppet Learning Keys. 25-1038 .... 499.00

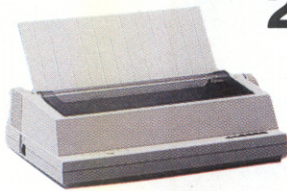**Weltec 5¼" External Apple Drive.** Works with TRACKSTAR E. 900-2221 .... 199.95

*Special order may be required. TRACKSTAR E requires an Apple compatible 5¼" disk drive (not included). Apple and Apple IIc/Reg. TM Apple Computer, Inc. Muppet Learning Keys/TM Henson Associates, Inc. available from Sunburst Communications.

PRINTERS AND ACCESSORIES

Budget-Priced Printer

279⁹⁵

NEW FOR '90

DMP 107. Compact dot-matrix printer for general purpose use. Prints 100 cps, and has adjustable push tractor, plus single-sheet paper feed. Includes near letter-quality Courier font for personal word processing. UL listed AC.
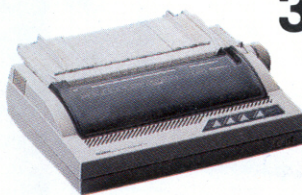26-2821 . . . . 279.95

Black Ribbon.
26-1236 . . . . 10.95

New! Red, Green and Blue Ribbons.
26-1235 . . . . 19.95

Student Station Printer

379⁹⁵

NEW FOR '90

DMP 133. With word processing, data processing and dot-addressable graphics modes, you can print your documents in many different styles. Supports super/subscripts, double-width, bold, double-strike and micro-fonts. UL listed. 26-2815 . . . . 379.95

Black Ribbon.
26-1236 . . . . 10.95

New! Red, Green and Blue Ribbons.
26-1235 . . . . 19.95

24-Wire Dot-Matrix Printer

649⁰⁰
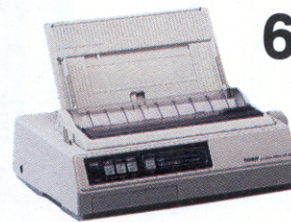
NEW FOR '90

DMP 300. This versatile dot matrix printer prints up to 270 characters per second in draft-quality text. Or use the near letter-quality option for impressive reports. UL listed AC. 26-2818, 649.00

New! CSF 300 Cut Sheet Feeder. Auto loads up to 170 single sheets.
26-2816 . . . . 299.95

New! Ribbon. 26-2819 . . . . 11.95

Our Deluxe Laser Printer

2599⁰⁰
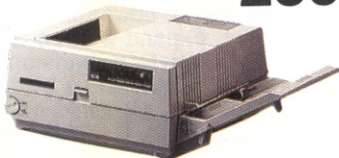
LP 1000. The ideal printer for professional word processing and desktop publishing. Produces typeset quality text. Includes HP-compatible "B" and "F" soft fonts. Accepts additional optional downloadable fonts. Tandy, IBM and HP LaserJet Plus®-compatible. Includes Kit A and toner. Centronics parallel interface. UL listed.
26-2804 . . . . 2599.00

Toner. 26-2807 . . . . 27.95

Administration Printer

999⁰⁰
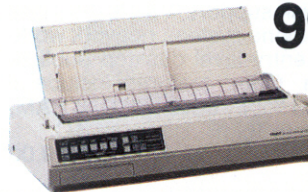
NEW FOR '90

DMP 2102. Superior speed and quality at a cost-effective price make this an administrator's dream for office printing needs. Semi-automatic sheet feed. One-button paper mark. Front panel operation of controls. Optional Sheet Feeder (26-2816). UL listed.
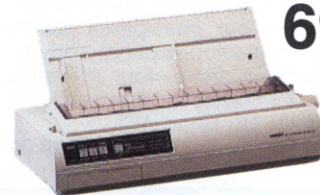26-2817 . . . . 999.00

New! Ribbon.
26-2819 . . . . 11.95

## High-Speed Dot Matrix

699⁰⁰

NEW FOR '90

DMP 442. A cost-effective 132-column printer that will handle virtually any office printing need. Prints at up to 300 characters per second in high-speed draft mode, and creates reports and memos at up to 62.5 characters per second in correspondence mode. It even prints 288 × 144 graphics. UL listed AC.
26-2822 . . . . 699.00

New! Ribbon. 26-2823 . . . . 11.95

Printer Accessories

Printer Interface Selector 2. 2 input/2 output. Connect two printers to two computers, then automatically switch between them. Requires Cables (26-4401).
26-2820 . . . . 99.95
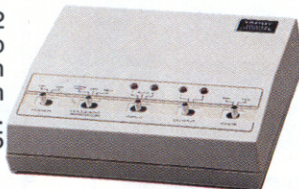
Four Way Printer Selector

4 input/1 output. Allows four computers to share one common printer. An excellent way to share a printer in a classroom or laboratory situation. Also cuts down the cost of extra printers.
26-2828 . . . . 59.95

Printer Cable Extender

Set up the printer where you need it to fit your classroom or lab environment. Extender provides the required signal strength to extend your printer cable an additional 25 feet. Requires Extension Cable (26-290). 26-2840 . . . . 29.95

Printer Cables

Fits	Description	Length	Cat. No.	Each
Tandy 1000 Series	Edge Card/36-pin Tandy port	6' S	26-225	34.95
		12' S	26-222	39.95
	Edge Card/36-pin IBM port	6' S	26-289	34.95
Tandy 3000/4000/ 5000/1400 WP2/IBM	25-pin male/ 36-pin Tandy port	6' S	26-227	34.95
		12' S	26-223	39.95
	25-pin male/36-pin IBM port	6' S	26-288	34.95
Model I/III/4/4P/4D	Edge card/36-pin Tandy port	6'	26-1401	29.95
Model II/12/16/ 16B/2000/6000	34-pin female header/ 36-pin Tandy port	6'	26-4401	29.95
Model 100/102/ 200/600	26-pin female header/ 36-pin Tandy port	6'	26-1409	14.95
26-2840 Cable Ext.	36-pin male/36-pin male Requires 26-2840	25' S	26-290	59.95

Note: An "S" after the cable length indicates shielded round cable.

POWERFUL OFFICE SYSTEMS

TANDY 3000 NL

The Tandy 3000 NL gives you impressive classroom power as a stand-alone system or as a versatile network workstation. It's a cost-effective solution for a variety of needs. The 3000 NL features 512K RAM, a 10 MHz Intel 80286 microprocessor and four front-panel device slots for additional floppy or hard drives. Seven expansion slots—four AT®-style and three XT™-style—provide maximum flexibility. UL listed AC.
25-4072 . . . . 1699.00

TANDY 4000 SX

Introducing 386™ performance for the price of a 286 system. Featuring the powerful new 16 MHz Intel 80386SX microprocessor, the 4000 SX also offers built-in VGA graphics and SmartDrive™ IDE hard disk support. It's ideal for use as a stand-alone system, network workstation, or entry-level desktop publishing system. Other features include a 3½″ 1.44MB floppy drive and 1MB RAM, expandable to 16MB. UL listed AC.
25-4900 . . . . 2599.00

TANDY 4000

Superb 80386™ power. The 16 MHz clock speed and 32-bit data path ensure high-performance program execution. Run the Tandy 4000 as a powerful stand-alone, simultaneously under multi-tasking environments, or as a file server in a network or powerful multiuser environment. Expand with up to six AT and two XT-style expansion boards. Includes 1MB RAM and a 3½″ 1.44MB floppy disk drive. UL listed AC.
25-5000 . . . . 2799.00

TANDY 4020 LX

An excellent high-performance file server or powerful CAD/CAM workstation. The 4020 LX features a fast 20 MHz 80386 microprocessor, a high-speed memory cache controller, 1MB RAM, and SmartDrive IDE hard disk support. VGA graphics support is built in, so you can add an analog monitor without worrying about extra-cost adapters. Industry-standard architecture ensures compatibility with popular add-ons for a variety of options. UL listed AC.
25-5120 . . . . 3999.00

TANDY 4025 LX

Pure performance combined with total compatibility with industry-standard expansion options. The Tandy 4025 LX's 25 MHz Intel 80386 microprocessor and 82385 memory cache controller and 32K of high-speed static RAM makes quick work of financial, engineering and CAD/CAM applications. It's also an excellent choice as the hub of a multiuser system. Other features include VGA graphics support, 2MB RAM and SmartDrive IDE hard disk support. UL listed AC. 25-5125 . . . . 4999.00

TANDY 5000 MC

Operating at 20 MHz, the 80386-based Tandy 5000 MC cuts through big jobs like database management, large spreadsheets and sophisticated graphics. It's a natural as the hub of a multiuser system, or as the file server in a 3Com workgroup. IBM® Micro Channel™ compatible architecture provides a fast 32-bit wide data path. The 5000 MC also features VGA graphics support and a memory cache controller that provides RAM-fast access to your data. UL listed AC. 25-6000 . . . . 4999.00*

*FCC Certified Class A for institutional use only. Monitors sold separately. MS-DOS licensed from Microsoft Corp. Intel and 80386 licensed from Intel Corp. XT, Micro Channel/TM and AT, IBM/Reg. TM IBM Corp.

THE POPULAR TANDY 1000 SERIES

TANDY 1000 HX

- MS-DOS 2.11 Built-In ROM—Loads in Seconds Without Diskettes!
- 8088-2 Microprocessor
- Software Compatible with the IBM® PC—Choose From Thousands of Popular Programs
- Built-In 3½", 720K Disk Drive
- Personal DeskMate 2™ Software
- Built-In 3-Voice Sound Circuit
- Speaker and Headphone Jack With Volume Control

699⁰⁰ Monitor, platform and mouse sold separately

The affordable PC with deluxe features. The user-friendly Tandy 1000 HX lets you simply "power and run"—MS-DOS loads automatically in just seconds. Just insert your program diskette and you're ready—without the bother of loading a system diskette. It's the ultimate in ease of use for first-time users, the ultimate in convenience for experienced users! A high-capacity, 720K 3½" disk drive is built in—and there's room for a second 3½" drive (sold separately). And the Tandy 1000 HX is software compatible with the IBM PC, so you can use popular MS-DOS programs. For total flexibility, you can run software on 5¼" diskettes with an optional 5¼" External Disk Drive. Even your first program is included—Personal DeskMate 2 with seven handy applications—word processing, spreadsheet, graphics, database and more, all in one package. And Personal DeskMate 2 is easy to use, with pull-down menus and dialogue boxes written in plain English. Plug in a mouse and you can enjoy "point and click" convenience. 25-1053 . . 699.00

TANDY 1000 SL

- Easy-to-Use DeskMate Gets You Started With Useful Applications
- MS-DOS and DeskMate Interface Load without Diskettes
- 8086 Microprocessor
- IBM PC Compatible
- Internal 5¼" 360K Floppy Drive
- Enhanced Sound and Speech Capabilities for Voice and Music
- Built-In Headphone Jack with Volume Control

899⁰⁰ Monitor and mouse sold separately

You can be up and running in seconds! Turn on the Tandy 1000 SL and MS-DOS loads automatically. And instead of confusing computer jargon, the 1000 SL will greet you by displaying the DeskMate Graphical User Interface, an organized listing of your programs. It's easy—no previous computer experience is needed. Choose from popular, industry-standard software, or get right to work with the included DeskMate software. DeskMate lets you write letters or book reports with the aid of a built-in 90,000-word spelling checker, keep a budget, organize your files, schedule events and create colorful graphics. An exclusive Music program and sound editor lets you record and edit music, voice or other sound effects directly onto your 5¼" diskettes. Listen to your recordings through the 1000 SL's built-in speaker, or plug in headphones for private listening. The Tandy 1000 SL comes with an enhanced 101-key keyboard, a 5¼" 360K disk drive and five user-accessible expansion slots.
25-1401 . . . . 899.00

TANDY 1000 TL/2

- Intel® 80286 Microprocessor
- SmartDrive™ Technology
- 640K RAM ■ Enhanced Keyboard
- Automatically Loads MS-DOS and the DeskMate User Interface
- Built-In 3½" 720K Disk Drive
- IBM PC Compatible
- Enhanced Sound and Speech Capabilities for Voice and Music
- New DeskMate® 3 Software

1299⁰⁰ Monitor and mouse sold separately

Absolutely packed with features! DeskMate 3, with word processing, spreadsheet analysis, filing and other applications, is included—complete with a new Tutorial program to help you get started fast. And the 1000 TL/2 comes with MS-DOS and the DeskMate Graphical User Interface built in. In just seconds after you turn the 1000 TL/2 on, up comes a neat, organized display of your programs. You don't have to learn DOS commands, either—the DeskMate Interface guides you as you go. The TL/2 is complemented by digital sound and speech capabilities. Using an optional microphone, you'll be able to record and edit voice, music, and sound effects right onto computer diskettes. A 3½", 720K floppy disk drive, real-time clock/calendar, parallel printer adapter and RS-232 serial port are all built in. The Tandy 1000 TL/2 also features built-in SmartDrive technology. Tandy SmartDrives provide 20MB or 40MB of data storage without the need—or expense—of a separate controller board. 25-1602 . . . . 1299.00

31

# Radio Shack has it all for educators

1990 Tandy® Computer Catalog

From computers and printers to cables and connectors, the 1990 Tandy Computer Catalog features all the high-tech gear that teachers, librarians and school administrators need most.

Express Order℠ Software Buyer's Guide

Discover a broad range of software available "off the shelf" from Radio Shack, as well as many other top name packages available through our exclusive Express Order software service.

1990 Radio Shack Catalog

A complete listing of electronics to enhance your school's educational program. Teaching and administrative tools from VCRs and PAs to telephones and cassette recorders are listed.

Extend Your Reach With Tandy Technology℠
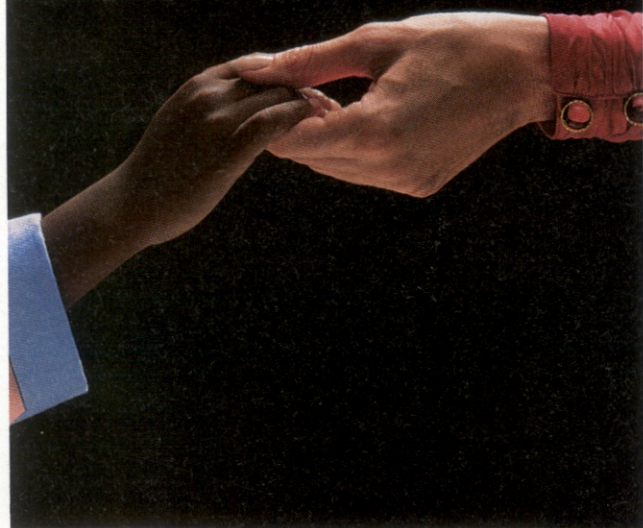
Since 1979, Radio Shack's Education Division has devoted its full-time effort to supporting Tandy Technology in the classroom. Today, we offer a product line that extends beyond PCs, as well as the support your school system can depend on.

Our line of computers is perfect for classroom instruction . . . and school budgets. We also offer SchoolMate, a network specially designed for teachers and students with features that let you keep rosters, calculate grades, prepare exams and schedule lessons automatically.

As part of our continuing support and commitment to education, we have formed alliances with major educational software publishers to find complete solutions to your computing needs. We have also established numerous programs to encourage educators to use technology by providing grants, educator discounts and technology seminars.

At Radio Shack, we want to meet all of your educational needs. We offer a full line of classroom instructional devices including VCRs, camcorders, CD-ROM drives, speech synthesizers and overhead projector displays. And to help you use Tandy Computers more effectively, we offer customized training, installation and support services. Our commitment to education is the same as yours . . . it's our #1 job!

RSC-21E

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