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TEXAS INSTRUMENTS HOME COMPUTER PROGRAM LIBRARY

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A wide range of programs exists now for the Texas Instruments Home Computer. And more are coming almost daily.

This directory gives you a brief look at the currently available programs. While many of these programs have been created by Texas Instruments, there are a number of independent software companies that have also developed application programs for the TI Home Computer (Scott, Foresman and Company, Image Producers, Microcomputers Corporation, and many others). We will reissue this directory periodically as new application programs are added.

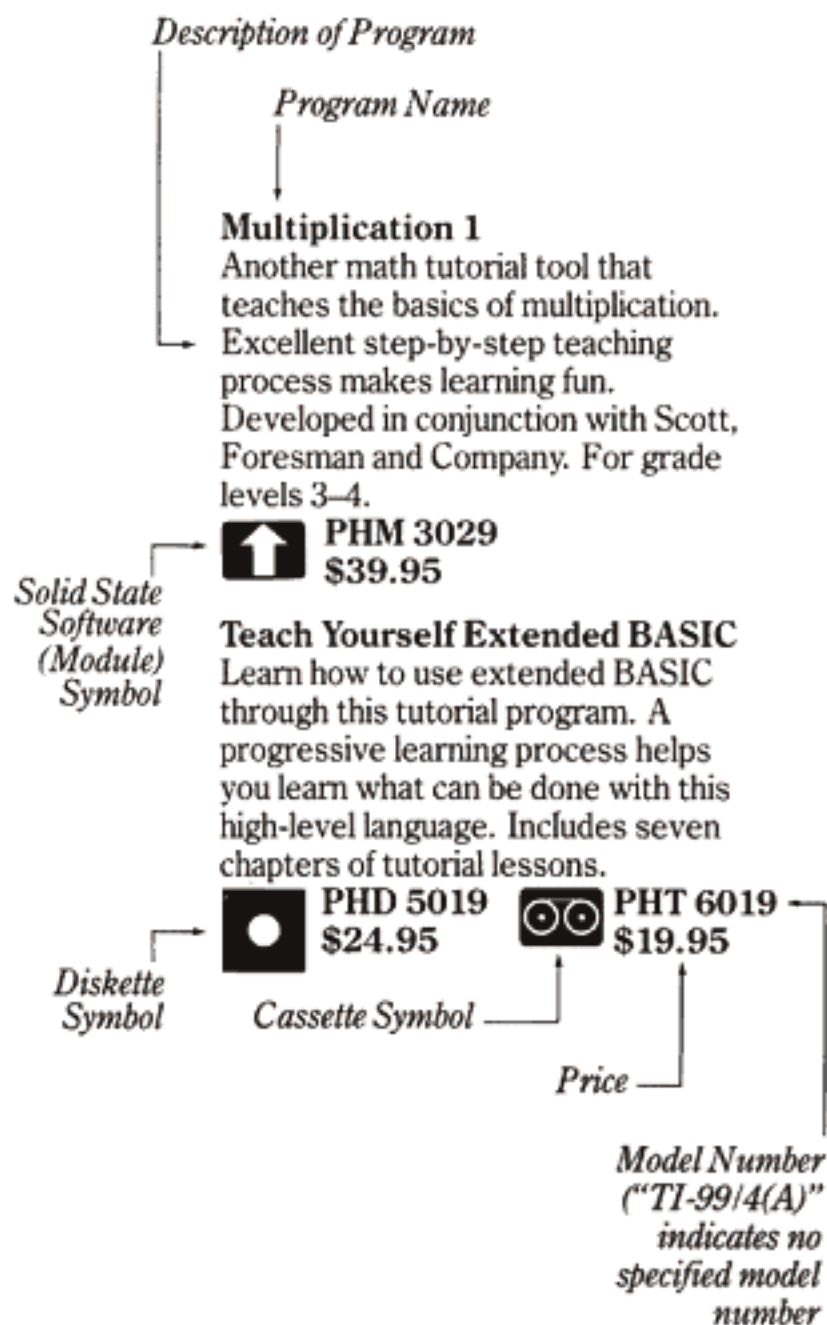
Programs for the TI Home Computer are available in three different easy-to-use formats. Many programs are in the form of Solid State Software™ Command Modules which plug right into the TI Home Computer and instantly program it to perform different tasks. Many other programs are available in diskette or cassette format. These are standard audio cassette tapes and small, 5¼ inch floppy diskettes. These formats require a cassette recorder or a floppy disk controller with one or more disk drives. In many cases, programs are available in more than one format.

The first part of this directory provides a summary of the currently available programs. On pages 18–20 we've provided a handy reference chart which tells you whether a particular program requires accessories and, if so, which accessories. Many programs need no accessories and run with just the basic machine. Others may not require an accessory; however, one may be suggested in order for you to get full utility from a program. For explanation of symbols used throughout this directory see the diagram on the right. At the end of the directory we've provided a more comprehensive list of all available software by category.

If you want to know more about programs from independent software producers, you'll find names, addresses and phone numbers listed on page 27.

To get information about any of the Texas Instruments application programs, just drop by your nearest TI Home Computer dealer. If your dealer does not have a particular program in stock, use our Application Program Hotline. Call 1-800-858-4565. In Texas 1-800-692-4279.


Names of independent software companies are shown in parentheses following program name and are designated in red.



™Solid State Software is a trademark of Texas Instruments Incorporated.


Home Financial Decisions

A valuable, step-by-step guide to help answer your everyday financial questions. Helps you make informed decisions regarding general loans, home and car buying and personal savings. Also lets you compare differences between leasing versus buying and much more.

 **PHM 3006**
\$29.95


Household Budget Management

Helps set budget guidelines, track income and expenses, spot problem areas and keep easily accessible records. Set up a budget system to coordinate your income and expenses for the coming year—month by month, category by category. Compare your actual income and expenses to previously projected figures to help find problem areas. Also provides instant graphic analysis and tables. Data storage system required.

 **PHM 3007**
\$39.95


Securities Analysis

Offers a variety of securities analysis techniques. Important financial tools such as stock analysis, call options, option spreads, bond analysis, calculations of compound interest, annuities and variable cash flow are included. Excellent package for brokers and serious investors.

 **PHM 3012**
\$54.95


Personal Record Keeping

Create, maintain and utilize a computer-based filing system that is useful and convenient for a variety of applications—including home inventory for insurance purposes, car maintenance records, medical and dental records, and a complete reference medium for birthdays, anniversaries and other important occasions. Data storage system recommended.

 **PHM 3013**
\$49.95


Tax/Investment Record Keeping

Provides an aid for organizing and recording your tax and investment data in a single, flexible filing system. Lets you keep track of assets, liabilities, income and expenses. An easy tool to use—one that will be especially appreciated around tax time. Record both your taxable and tax-exempt income, track expenses and keep track of what is tax-deductible. You can even determine your net worth. Disk system required.

 **PHM 3016**
\$69.95


Personal Real Estate

Many alternative personal real estate investments can be easily evaluated with this module. It can also be a valuable educational tool—closely follows techniques used by the Realtors National Marketing Institute. An excellent package for real estate agents and investors. Data storage system recommended.

 **PHM 3022**
\$69.95

Mailing List

Stores, alphabetizes, sorts, or searches for mailing list information. Handles names, addresses, telephone numbers and other related mailing information. Keep mailing list information for business associates, Christmas card recipients, or even your bowling team. Also provides quick and easy “look up” procedures.

 **PHD 5001**
\$69.95


Personal Financial Aids

A powerful computerized tool for dealing with many home financial problems—provides financial statement development; programs on loan amortization schedules; depreciation computations and mortgage analysis.

 **PHD 5003**  **PHT 6003**
\$19.95 **\$14.95**


Checkbook Manager

Maintain records of checks, deposits and running balances to reconcile with your bank statements. Add or change entries and your balance is automatically updated. Checks can also be entered by account to see how much is spent on specific bills or articles. A sort and a “sum-by-account” feature is also provided.

 **PHD 5021**
\$19.95


Business Aids Library—Financial Management

Helps project how much money is needed to sustain a business and how much capital costs will be. Also contains some other common business calculations—depreciation, amortization, variable and grouped cash flows and annuities. Requires Extended BASIC.

 **PHD 5022**
\$39.95


Business Aids Library—Inventory Management

Allows for inventory update and movement tracking. Can perform stock evaluations by cost, profit margin, or price. Personal Record Keeping and Statistics Solid State Software™ Command Modules add sorting and statistical evaluation capabilities. One of these two Command Modules is required.

 **PHD 5024**
\$69.95


Business Aids Library—Invoice Management

Keep current and accurate customer information all in one easy-to-use system. Items such as customer's address, discounts applicable, taxes and a variety of other invoice information are all easy to monitor and/or control. Package includes seven programs to help you maintain your invoice records. Personal record keeping or statistics required.

 **PHD 5027**
\$69.95

Business Aids Library—Cash Management

Provides a method of forecasting the amount of cash available to your company. By estimating your cash flow, you can make more knowledgeable managerial decisions. Up to six forecasts with up to twelve periods per forecast can be projected at any one time. Beginning and ending balances are maintained in each period for cash, receivables, investments, payables, and inventory. Twenty categories of data are available in each forecast—eighteen categories for expenses and income, one category for sales unit, and an automatically calculated gross margin category. If a printer is attached, you may print any portion of a forecast. Requires Extended BASIC.

 **PHD 5029**
\$39.95

Business Aids Library—

Lease/Purchase Decisions

With the Capital Investment Analysis model you can determine whether an investment in any capital project will be economically beneficial to the company. Prospective investments can be ranked according to their financial desirability so you may choose the one producing the greatest bottom line profit. The Lease Evaluation model provides lessors with a profitable bidding strategy. Lessors, third party lenders and lessees can quickly ascertain the financial implications to the lessor of any lease agreement. The Lease or Buy Decision model compares alternate methods of financing a capital expenditure. These programs were developed in a combined effort of Texas Instruments and Ronald Zussman.

 **PHD 5038**  **PHT 6038**
\$69.95 **\$59.95**

The Project Boss

(Charles Mann & Associates)

For any kind of project budgeting. Keeps track of project budget, actual costs, budget variances, and estimates of completion costs for a project in progress. All of this information is broken down into individual project parts for more detailed evaluation. Data can be stored on disk or tape. Requires Extended BASIC.

 **#D004**

Business Data Base

(Charles Mann & Associates)

Fully programmable worksheet-like data system. Allows the user to define and build data bases for such purposes as inventory, control, general ledger accounting, accounts receivable/payable. Fields may be manipulated with exclusive CMA math formula accumulator to format reports and present status displays. Allows filing of report formats for later use, and printing on most compatible printers. Requires Extended BASIC.

 **#D-047**

Payroll I

(Charles Mann & Associates)

This system is designed as a stand-alone payroll system. The latest tax tables and Social Security formulas are incorporated to handle weekly, bi-weekly, semi-monthly, and/or monthly payrolls. Three user-defined deduction fields also allow for state income tax, disability insurance, union dues, or health insurance. Monthly, quarterly and annual tabulations become easy to prepare. A documented audit check is another useful feature. Display or print individual payroll entries for W-2 form preparation.

 **#D-048**

Address File

(Jeffware)

Manage personal information on people, recipes, records, tapes or other subjects. Allows user to sort in almost any category.

 **#JEF 1212**

General Ledger

(Ehninger Associates, Inc.)


Sophisticated General Ledger program which features general ledger entries, cash distribution, trial balance, income statements, percentage of expenditures and many more features. Requires Extended BASIC Command Module.

 **B1010X**

Household Inventory

(Ehninger Associates, Inc.)

Allows you to bill and maintain an up-to-date list of household inventory items. Actual replacement value is calculated based on purchase date and the previous year's price indices. Can be printed or stored. May also be tailored for specific collectibles. Available in either BASIC or Extended BASIC.

 **H1010**
H1010X (X-BASIC)

Amortization Schedule

(Joe D. Fain, Sr.)

This program will calculate a mortgage repayment schedule given the loan amount, annual interest rate and number of years. Will optionally print monthly or annual repayment schedule showing principal, interest and reducing balance. Requires Extended BASIC.

 **TI-99/4(A)**  **TI-99/4(A)**

Black Book

(Denali Data)

Create your own computer Black Book that stores pertinent data for you or your company. Categories include name, company name, category, address, phone number and date. It's easy to update and generate vital information, and is especially helpful for mailing lists.

 **#DDA 2222**

Flyer

(Denali Data)

Gives you fast and easy information distribution by automatically addressing flyers. Computerized, yet personalized, the program's great for clubs, small businesses, invitations, announcements and sales notices. Must be used with the Black Book Package.

 **#DDD 2222**

Inventory

(W. R. Wilson Inc.)

Keep an accurate up-to-date record of your inventory with this easy-to-use package. You can search parts by number, indicate the number of parts sold or used, or print part information and have the system update the file. Update individual files by part number and add or delete parts as necessary. You may print entire inventory or only those parts that need to be recorded. The program also enables recording of the cost and resale price of the part.

 **INV 1.0**

Accounts Receivable
(W. R. Wilson Inc.)

Provides detailed and timely account information to help you maintain your customer records. After the information is stored, it can be easily accessed for updating purposes. Allows you to see the "state" of the account before updating.

 **ACC 1.0**


TI-Count Accounts Payable
(Pike Creek Computer Co., Inc.)

Uses TI-Count files to reconcile all invoices to accounts payable and subsidiary balance every day. Maintains aging accounts of any number of vendors. Writes checks and stubs on several banks.

 **Specify**
TI-99/4(A)
Product


TI-Count/Mail
(Pike Creek Computer Co., Inc.)

A mailing system for second class mail handling from 700–1500 addresses/disk and producing mailing labels at 2,000/hour with a TI OMNI™ 820 printer. Other services include: a postal zone report, subscription renewal letters, special messages to selected addresses and many file utility programs. Useful for both profit and non-profit organizations. Requires Memory Expansion Unit and Extended BASIC.

 **TI-99/4(A)**

TI-Count/General Ledger
(Pike Creek Computer Co., Inc.)


General ledger accounting system. A modern accounting system for a small to medium size business. Double entry bookkeeping with up to 650 accounts. Input errors are rapidly identified and corrected so that all accounts are in balance on a daily basis. Easily audited and leads to certified financial statements. Requires Extended BASIC.

 **TI-99/4(A)**

Education/Personal Enrichment


Early Learning Fun

Colorful, exciting, and educational activities help teach shape, number and letter recognition, counting, sorting, and the alphabet—as well as teaching first computer skills. Fun for children ages 3 through 6.

 **PHM 3002**
\$29.95


Beginning Grammar

Engaging and colorful activities that introduce the basic parts of speech and how they are used to build sentences. Valuable practice and hours of fun for children grades 2 through 5.

 **PHM 3003**
\$29.95


Number Magic

An exciting math-education program. Provides valuable enrichment, drill and practice in basic mathematics—with exciting full-color displays and sound. In the tradition of Texas Instruments highly popular Little Professor™ and Dataman™ learning aids. Rewarding fun and learning for children ages 6 and up.

 **PHM 3004**
\$19.95


Video Graphs

An easy-to-use program for creating your own designs by interacting with preprogrammed graphics. Lets you explore the unique color and graphic capabilities of the TI-99/4 by designing computer pictures and patterns. For all ages.

 **PHM 3005**
\$19.95

Video Chess


This powerful, easy-to-use package keeps track of all moves, gives you help if you want it, and provides a challenging opponent—or play with an opponent of your choice. You can choose the level of difficulty and the computer can even save a particular game for later replay. Developed with the assistance of International Master David Levy. For chess players of all ages.

 **PHM 3008**
\$69.95

Physical Fitness


Helps you in planning (and staying with) an exercise program designed especially for you. Based on guidelines from the President's Council on Physical Fitness.

Recommended ages: 13 and up.

 **PHM 3010**
\$29.95


Early Reading

Engaging color graphics and computer speech introduce and reinforce important reading skills. Great learning experience and fun for beginning readers. Developed by TI in conjunction with the educational staff of Scott, Foresman and Company. Speech Synthesizer required.

 **PHM 3015**
\$54.95


Music Maker

A music composition package that lets even a novice composer create computer music by simply arranging notes on an electronic musical staff. A terrific home music introduction tool for children and adults. Create your own musical compositions with this easy-to-use package. Data storage system recommended.

 **PHM 3020**
\$39.95

Weight Control and Nutrition

Assists homemakers in planning balanced meals to help improve fitness through nutrition and weight tracking. Personal information determines recommended weight range and daily caloric requirement. Also creates weekly menus according to food preferences and target weight. (These menus meet U.S. Recommended Daily Allowances—RDA—for adults.) Data storage system recommended.

 **PHM 3021**
\$59.95

Addition/Subtraction 1

This is the initial module in a series developed in conjunction with Scott, Foresman and Company, a leading publisher of educational textbooks. Teaches basic arithmetic skills and provides drills for reinforcement. For grade level 1. Speech Synthesizer recommended.

 **PHM 3027**
\$39.95

Addition/Subtraction 2

Second in a series of addition and subtraction tutorial packages involving more difficult problems and techniques than found in Addition/Subtraction 1. Developed in conjunction with Scott, Foresman and Company. For grade levels 1–2. Speech Synthesizer recommended.

 **PHM 3028**
\$39.95


Multiplication 1

Another math tutorial tool that teaches the basics of multiplication. Excellent step-by-step teaching process makes learning fun. Developed in conjunction with Scott, Foresman and Company. For grade levels 3–4. Speech Synthesizer recommended.

 **PHM 3029**
\$39.95

TI LOGO

This child-appropriate computer language not only develops computer awareness, but enriches a child's math, logic and communication skills as well. Based on a philosophy of education developed by Seymour Papert and the staff of the Artificial Intelligence Laboratory at the Massachusetts Institute of Technology (MIT), TI LOGO creates computer-based environments in which mathematics and other areas of "formal" learning can occur in a natural manner. Students actually teach the computer how to do things! This package was developed in conjunction with the MIT staff. Requires Memory Expansion Unit.

 **PHM 3040**
\$299.95

Teach Yourself BASIC

Learn to program in BASIC the easy way—let the computer teach you! Ten on-screen lessons give hands-on experience with everything from simple commands to color graphics and sound. Developed in conjunction with Wolfdata Corporation.

 **PHD 5007**  **PHT 6007**
\$34.95 \$29.95

Music Skills Trainer

A package of four musical drills that test musical ability and improve musical skills. Drills include pitch guess, interval recognition, chord recognition and phrase recall. For beginning musicians 10 and up.

 **PHD 5009**  **PHT 6009**
\$29.95 \$24.95

Computer Music Box

Music composition system which allows three-part music to be entered, played, edited and saved for later reloading. It has an automatic chord creation feature to help you compose computer-generated tunes. For ages 10 and up.

 **PHD 5011**  **PHT 6011**
\$19.95 \$14.95

Market Simulation

A simulation package places two contestants in head-on business competition. Choose the amount of advertising, how many units to produce, etc., and watch the results. Strikes and economic changes make this educational game even more realistic.

 **PHD 5018**  **PHT 6018**
\$19.95 \$14.95


Teach Yourself Extended BASIC

Learn how to use Extended BASIC through this tutorial program. A progressive learning process helps you learn what can be done with this high-level language. Includes seven chapters of tutorial lessons. Requires Extended BASIC.

 **PHD 5019**  **PHT 6019**
\$24.95 \$19.95


Music Maker Demonstration

Demonstrates the kind of musical compositions that can be created with the Music Maker Solid State Software™ Command Module. Contains five different music files with songs ranging from Christmas and children's songs to some of the most popular classical songs (including Bach).

 **PHD 5020**
\$14.95

Basketball Statistician

This package helps the basketball coach or statistician keep statistics on individual players on a team. Shots taken, shots made, rebounds and a variety of other basketball statistics are tracked easily with this unique package. Requires Extended BASIC.

 **PHD 5023**
\$24.95


Bridge Bidding I

Teaches the art of expert bidding to the bridge player. As "south" you select the bid with your cards and the computer provides your partner's and opponents' bids. If after 3 chances you do not give the best or recommended bid, the computer will give you the answer along with an explanation. Excellent bridge bidding tutor. Aimed at intermediate and advanced players.

 **PHD 5026**  **PHT 6026**
\$29.95 \$24.95


Speak & Spell™ Program

Offers the same features as the popular TI learning aid. Children can hear a word pronounced correctly as they learn to recognize and spell it. Five activities provide valuable tools to make learning fun. "Spell" pronounces a word and asks the child to type the correct spelling. "Mystery Word" selects a word and the child tries to guess it by spelling it correctly. "Say it" prompts a child to say a word and then spell it. "Secret Code" codes a word so that no one can read it until the coded word is entered and decoded by the computer. These and other exercises will help children become more at ease with the spelling of different words.

 **PHD 5030**
\$29.95

Speak & Math™ Program

Offers the same practice in addition, subtraction, multiplication, division, number relationships and problem-solving that is available in the popular hand-held learning aid. With the Speech Synthesizer and Terminal Emulator II Command Module inserted, the Text-to-Speech system reproduces the human voice electronically. Activities include Solve It and Mix It, Greater/Less, Write It and Number Stumper.

 **PHD 5031**  **PHT 6031**
\$29.95 \$24.95

Bridge Bidding II

Developed for Texas Instruments by Robert Hammon and Robert Wolff of the Dallas "Aces," this second-in-a-series package lets you practice slam bidding. In addition, the program explains some of the bridge bidding conventions which can help you determine whether you should bid a grand slam, a small slam, or no slam. With this second program on their bidding series, Hammon and Wolff continue to give you the benefit of their experience and to share some of their secrets for bidding. You will learn the art of ace asking, the sources of tricks, what is an adequate trump suit, cue bidding, asking bids, Blackwood Gerber and Grand Slam force conventions.

 **PHD 5039**  **PHT 6039**
\$29.95 \$24.95

Bridge Bidding III

Third in the series of Bridge Bidding packages, this set of programs covers competitive bidding. Tips are given on bridge discipline, partnership trust, preemptive bids, take out bids, high level judgment, Michael's unusual no trump and Landy conventions.

 **PHD 5041**  **PHT 6041**
\$29.95 \$24.95

Spell Writer

Three Speak & Spell™ packages using Text-to-Speech technology. Consists of a program enabling the design of customized spelling lessons, a program in word games and a file transfer program to make additional copies of word lists. Virtually unlimited vocabulary is attainable using required Terminal Emulator II package and Speech Synthesizer.

 **PHD 5042**  **PHT 6042**
\$29.95 \$24.95

Education/Personal Enrichment

TI-Jotto

(Microcomputers Corporation)

An educational game that builds vocabulary, develops one's ability to analyze patterns, and promotes logical thinking. Three levels of play. Ages 8 to adult.

 MCD0002  MCT0002

Pow Wow

(Microcomputers Corporation)

Logical deduction number game. Random number is generated and the player tries to determine number in the lowest number of guesses. Ages 9 to adult.

 MCD0003  MCT0003

Match 'Em I

(Microcomputers Corporation)

Outstanding method of providing highly motivated practice in counting, recognition of numerals and recognition of letters. Tremendous educational value for ages 3 to 6.

 MCD0004  MCT0004

Match 'Em II

(Microcomputers Corporation)

Provides practice in recognizing and matching small letters of the alphabet and Roman numerals. Unique learning device. Ages 4 to 7.

 MCD0005  MCT0005

Racing Letters

(Microcomputers Corporation)

Fast-moving program that provides alphabetic and numeric teaching guide. Particularly appropriate for children aged 5 to 7.

 MCD0006  MCT0006

Addition

(Microcomputers Corporation)



Helps early elementary students acquire good addition habits. Provides for self-correction and motivation. Ages 6 to 10.

 MCD0007  MCT0007

Subtraction

(Microcomputers Corporation)



Helps students develop standardized approach to the solution of subtraction problems. Aids are provided to help the child see how this arithmetic function is performed. Ages 6 to 10.

 MCD0008  MCT0008

Multiplication

(Microcomputers Corporation)



Multiplication techniques can be easily learned through this package—excellent teaching tool. Ages 8 to 12.

 MCD0009  MCT0009

Division

(Microcomputers Corporation)


Division techniques can be easily learned through this package—excellent teaching tool. For ages 8 to 12.

 MCD0010  MCT0010

IQ Builder Series: Analogies Lesson

(Program Design Incorporated)


Educational program with six drills require the user to determine the analogy type for given examples. Problem difficulty increases with each lesson. These programs are designed to prepare high school students for SAT-type exams.

 TI-99/4(A)

Code Breakers

(Program Design Incorporated)


Three educational programs that test ability to decode sentences with scrambled words and letters. Designed for 4th grade students and up.

 TI-99/4(A)

Preschool IQ Builders: Letter Builders plus Same and Different

(Program Design Incorporated)


Letter Builders is a letter-matching drill for preschool children ranging from two letters to all the letters of the alphabet. Same and Different includes six matching drills using shapes, colors, and letters.

 TI-99/4(A)

Know Yourself

(Creative Computing)


Three lessons for self improvement and education are included. Topics included cover Alcohol and Behavior, Psychoanalysis, and Sex Roles.

 #CS-6301

The Verb

(Micro-Ed, Inc.)


Geared to the elementary student and up, this program deals with action verbs, linking verbs and verb phrases. After the subject matter is defined and taught through examples, the student is tested on what has been presented.

 #GR-3

Count 'em

(Micro-Ed, Inc.)

This program is designed for kindergarten and 1st. grade students. The screen displays from one to ten rabbits. The child is asked "how many are there?" with an answer colorfully acknowledged as right or wrong.

 #MA-2

Bar Graph

(Micro-Ed, Inc.)

A bar graph with different pieces of information on it is used in this exercise for the elementary student. The information changes ten times allowing for extensive drill and practice.

 #MA-12

Higher, Same, Lower

(Micro-Ed, Inc.)

This program uses sound in teaching a basic music concept to the elementary student. Two notes are played after which the student is asked if the second is higher than, lower than, or the same as the first note.

 #MU-2

Direction and Distance

(Micro-Ed, Inc.)

By using a game format, this program teaches primary grade children the eight directions—north, south, east, west, northeast, southeast, southwest and northwest. Students must also estimate the distance between two objects on the display.

 #OT-2

Clock
(Micro-Ed, Inc.)

This program teaches primary grade children how to tell time. Each lesson consists of twelve randomly selected clock faces showing various times. The student is asked to type the number of the hour and the minutes.



**Hat In The Ring
Presidential Election Game**
(Micro-Ed, Inc.)

Designed for children of all ages, this two-player program acquaints students with some of the political considerations involved in running a campaign for a presidential candidate—one for the Republicans, the other for the Democrats.



Identifying Complete Sentences
(Micro-Ed, Inc.)

Geared for the elementary student, this program asks the learner to identify whether a group of words on the display constitutes a complete sentence or not. The group is presented in random sequence.



Making an Outline
(Micro-Ed, Inc.)

This program displays an article for the elementary student to read. The student then finishes a partly completed outline by selecting subtopics in the order in which they appear in the article.



Grade 2 Spelling
(Micro-Ed, Inc.)

The 36 lessons present a particular rule or pattern that is being taught by the lesson. A student selects a lesson and the 10 words in the lesson are displayed. Problems, consisting of a sentence with a word missing, help the elementary student learn to spell.



Grade 3 Spelling
(Micro-Ed, Inc.)

Features similar to Grade 2 Spelling, but with appropriate grade difficulty.



Grade 4 Spelling
(Micro-Ed, Inc.)

Features similar to Grade 2 Spelling, but with appropriate grade difficulty.



Grade 5 Spelling
(Micro-Ed, Inc.)

Features similar to Grade 2 Spelling, but with appropriate grade difficulty.



Grade 6 Spelling
(Micro-Ed, Inc.)

Features similar to Grade 2 Spelling, but with appropriate grade difficulty.



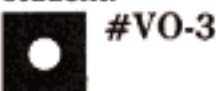
Vocabulary Series
(Micro-Ed, Inc.)

The program uses seventy-two lessons of words commonly found in newspapers and news magazines. Each problem presents a definition and sample sentence. The student then chooses the vocabulary word that best fits. For upper elementary and high school students.



Antonym Machine
(Micro-Ed, Inc.)

The computer randomly selects a pair of words with opposite meanings. One of the two words is displayed. The student supplies the antonym. Fifty pairs of antonyms provide hours of learning time for the elementary student.



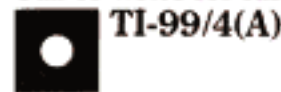
Homonym Machine
(Micro-Ed, Inc.)

The computer randomly selects a pair of words with the same sound but different meanings. One of the two words is displayed. The student supplies the other word. Fifty pairs of homonyms provide hours of learning time for the elementary student.



**advoCAIte Course
Authoring System**
(EduCAIte Incorporated)

This package helps an educator, with no data processing skills, develop CAI courses. With "yes" or "no" answers, or simple numerical inputs, the user can create screens of text. Graphics and music can be added to enhance the courses. Note: eduCAIte is a developer of Computer Aided Instruction. They offer three products: eduCAIte course curriculum, advoCAIte course authoring system, and customized course development. Call or write for further details.



**School Management
Applications**

(Scott, Foresman and Company)
Each School Management Application package described below includes: Command Module, reference manual and set of five diskettes.

Student Data Recorder

(Scott, Foresman and Company)
Enables easy storage, updating, and summarizing of student data such as name, address, birthdate, emergency contact, student identification number, homeroom, locker combination, bus number.



Attendance Recorder

(Scott, Foresman and Company)
Enables building administrators to record and summarize student attendance on a daily basis and to accumulate weekly, quarterly, semester and annual attendance data. This application also provides alphabetical lists of absent and tardy students.



Education/Personal Enrichment

Class Data Recorder

(Scott, Foresman and Company)

Functions as an electronic grade book, enabling teachers to store student records and calculate individual grade averages, class averages, ranks and other statistics.



#30406

Test Scorer

(Scott, Foresman and Company)

Helps teachers score and analyze tests. This application can perform item analysis, calculate frequency distribution, determine grades based on teacher criteria for individual tests, convert numerical scores into letter grades and produce grade summaries.



#30407

School Mailer

(Scott, Foresman and Company)

Prints a variety of mailing lists and self-adhesive mailing labels that can be selected by grade, teacher, building, or destination zip code. This application can also serve as a data base for parent telephone numbers and addresses.



#30408

Mark Reporter

(Scott, Foresman and Company)

Produces progress reports, incomplete lists and labels for cumulative records. It also calculates grade distributions, grade point averages and class ranks for several classes.



#30409

Scheduling Assistant

(Scott, Foresman and Company)

Produces reports such as student request lists, potential course-conflict analyses, individual student schedules and class lists—to assist administrators with scheduling lists.



#30410

Payroll Assistant

(Scott, Foresman and Company)

Provides school administrators with individual payroll information and summarizes FICA and tax withholding for district reporting purposes.



#30411

Personnel Data Recorder

(Scott, Foresman and Company)

Enables school administrators to store, update, and summarize basic data about their employees such as name, address, phone number, birthdate, salary, degrees and certificates held and seniority date.



#30412

Activity Accountant

(Scott, Foresman and Company)

Helps building administrators maintain activities, petty cash, food service and other special accounts.



#30413

Accounting Assistant

(Scott, Foresman and Company)

Provides program-level reports and assists administrators in the budgeting process. For budget purposes, it records purchase orders and furnishes vendor lists and check register information.



#30414

Salary Planner

(Scott, Foresman and Company)

Salary Planner helps administrators quickly analyze the effects of various proposed salary schedules on school budgets. Reports include calculations of costs, percentage changes and increments of salary by step and lane. This application is very useful for evaluating collective programming proposals.



#30415

Property Manager

(Scott, Foresman and Company)

Maintains inventory records of moveable equipment for an entire school or specific school programs. For example: equipment names, manufacturers, purchase dates, serial numbers, locations and physical conditions can be stored and updated conveniently.



#30416

Data Analyzer

(Scott, Foresman and Company)

Enables school administrators to analyze test scores, surveys and their school district data. Analysis may be made at classroom, grade and school levels.



#30417

Course Manager

(Scott, Foresman and Company)

With this application, teachers can check the progress of children in certain individualized programs. Information about students, instructional objectives, and specific test items can be correlated and summarized for the Scott, Foresman Mathematics Program—Grades 3 through 8.



#30447

#30450

Note: The preceding Scott, Foresman and Company packages are also available in the following three systems:

District Level System

Includes nine packages: Student Data Recorder, School Mailer, Payroll Assistant, Personnel Data Recorder, Activity Accountant, Accounting Assistant, Salary Planner, Property Manager and Data Analyzer.

Building Level System


Includes eleven packages: Student Data Recorder, Attendance Recorder, Class Data Recorder, Test Scorer, School Mailer, Mark Reporter, Personnel Data Recorder, Activity Accountant, Property Manager and Data Analyzer.

Classroom Level System

Includes four packages: Class Data Recorder, Test Scorer, Property Manager and Data Analyzer.


Football

An exciting computer simulation of football based on actual professional football statistics. Pick the plays, call the defense, snap the ball—every game is different. Lets you experience this popular game no matter what the season. For ages 8 and up.

 **PHM 3009**
\$29.95


Video Games I

Practice your aim with Pot-Shot, try your skill at Pinball, or trap your opponent with Doodle. Three exciting video games that will provide hours of fun-filled entertainment for the entire family.

 **PHM 3018**
\$29.95


Hunt the Wumpus

An exciting hunt in a hidden maze of caverns and twisted tunnels! Seek out the lair of the Wumpus while avoiding perils along the way. Carefully evaluate the clues to insure the completion of this dangerous mission. Everyone in your family will love this game.

 **PHM 3023**
\$24.95


Indoor Soccer

Computer version of fast-paced five-on-a-side soccer. Includes passes, shots, interceptions, saves, tackles and many other soccer tactics. Control the players for exciting action—you can even watch a slow motion instant replay of each score. For soccer fans 8 and older.

 **PHM 3024**
\$29.95


Mind Challengers

Two challenging games are included in this package. Game I challenges the player(s) to echo a sequence of notes. If correct, the next player must answer after more notes are added (up to 64 notes). Game II is a code-breaking game using shapes and colors. For ages 10 and up.

 **PHM 3025**
\$24.95


A-Maze-Ing

If you like mazes, you'll love A-Maze-Ing. Different options give users a variety of maze situations. From simple mazes to a cat-and-mouse chase situation. Thirteen options with a total of 5,200 different variations are possible. Many hours of fun and excitement for young and old.

 **PHM 3030**
\$24.95


The Attack†

Play the commander of a ship in a region of space infested by "spores" and "aliens" which must be destroyed. Maneuver your ship to avoid the aliens and fire missiles to destroy the enemy. This exciting package, developed by Milton Bradley Company, must be seen and heard to be truly appreciated. For the entire family.

 **PHM 3031**
\$39.95


Blasto†

A one or two player tank challenge to destroy a field of mines while avoiding your opponent's fire. Fast-paced race against the clock to hit the most mines. But don't hit the mines at close range or you'll have to start over. Great game for ages 10 and older.

 **PHM 3032**
\$24.95


Blackjack and Poker

These computer-simulated card games allow betting with a bankroll you wish you had. Up to four players play these card game favorites. This package was developed by Milton Bradley Company. For ages 10 and older.

 **PHM 3033**
\$24.95


Hustle†

Direct a snake-like object to hit targets while avoiding your opponent, the edge of the screen, and even yourself! This fast-paced game for one or two players requires quick reflexes and eye-hand coordination. For ages 10 and up.

 **PHM 3034**
\$24.95


ZeroZap†

Fast-action computerized pinball game with electric light and sound effects. You can even create your own playing field. Developed by Milton Bradley Company. For ages 6 and up.

 **PHM 3036**
\$19.95


Hangman

Players try to figure out the mystery word. Each wrong guess brings you closer to the gallows. Use preprogrammed words or create your own. Developed by Milton Bradley Company. For ages 6 and up.

 **PHM 3037**
\$19.95


Connect Four†

A challenging vertical strategy game. Players must get four markers in a row—down, across, or diagonally—to win. Developed by Milton Bradley Company. For ages 10 and up.

 **PHM 3038**
\$19.95


Yahtzee†

This exciting dice game combines strategy and chance. Players build points by rolling certain number combinations. Developed by Milton Bradley Company. Hours of fun. Ages 8 and up.

 **PHM 3039**
\$24.95



TI-Trek (with speech)

Challenging interstellar battle game makes you responsible for the safety of your galaxy. Fire phasors, torpedoes or multiple torpedoes to destroy the enemy. Warp through different quadrants in the galaxy for more battle encounters. Exciting speech dimension has been added for that futuristic atmosphere.

 **PHD 5002**
\$14.95



Mystery Melody

A challenging musical game for one or two players. The object is to recognize the title of a song as quickly as possible. You score points based on how quickly you give an answer. Fun for the entire family.

 **PHD 5010**  **PHT 6010**
\$14.95 \$9.95



Oldies But Goodies—Games I

A total of five exciting games including Word Scramble, Number Scramble, Tic-Tac-Toe, Biorhythm and Factor Foe. Exciting action for one or two players. For all ages.

 **PHD 5015**  **PHT 6015**
\$19.95 \$14.95

Oldies But Goodies—Games II

Second in a series of game collections. Package includes Hammurabi, Hidden Paris, Peg Jump, 3D Tic-Tac-Toe and Word Safari. Fun for everyone.

 **PHD 5017**  **PHT 6017**
\$24.95 \$19.95

Saturday Night Bingo

Play one of the most popular multi-player games—BINGO—with the aid of a computer. The program randomly selects the numbers to be called and then reads them aloud. Use an automatic or manual mode to set the pace of the game. Perfect for organizations that conduct large BINGO games. Requires Speech Synthesizer.

 **PHD 5025**  **PHT 6025**
\$29.95 \$24.95

Draw Poker

Mind teasing, one-player card game that pits you against the computer. The computer shuffles, deals and handles the details of play while you raise, call, fold, and discard. Your hand is dealt with all five cards showing while the computer's hand is dealt face down. A bankroll of \$5,000 is given to both you and the computer. Play continues until one player loses his bankroll. Requires Extended BASIC.

 **PHD 5037**  **PHT 6037**
\$29.95 \$24.95

SEE PAGE 17 FOR OUR
NEWEST ENTERTAINMENT
PROGRAMS.

Tournament Brick Bat (Image Producers)

Fast-action skill game played against the computer or with a friend. Or select the cooperation mode and work as a team with the computer as opponent. Computer keeps score and increases the challenge as your skill improves. For ages 10 and up.

 **#9401**

Wall Street Challenge (Image Producers)

Computer simulation of stock exchange. A challenging game that allows investment in both speculative stock and "Blue Chip" stock. Stock charts and the Dow Jones show the trends. For ages 13 and up.

 **#9402**

Wildcatting (Image Producers)

Simulates hidden oil deposits which you will try to find. Select a location on a map using geological survey data giving probability of striking oil below that spot. An estimate of cost-per-meter to drill is also given. Different oil deposits created in each game. For ages 10 and up.

 **#9403**

Strategy Pack I (Image Producers)

Two strategy games including Roman Checkers and Frame Up. Roman Checkers is based on the traditional game. Frame Up is a game of wit and strategy where a player tries to outwit an opponent or the computer. For ages 10 and up.

 **#9404**

Mind Masters (Image Producers)

Classic strategy game where the computer designs problems and results of each guess. Multiple players may compete against the computer and each player may select level of difficulty to match their skill, ability and patience. Also contains formula for solving logic problems—create an answer and watch the computer use deductive logic to discover secret code. For ages 10 and up.

 **#9405**


Skill Builder I (Image Producers)

Includes two skill games: Bingo Duel and Number Hunt. Bingo Duel provides exciting challenges for one or two players. Skill and problems are matched to help gain speed. For children and adults. While matching numbers is easy enough for children, Number Hunt quickly advances in level of difficulty to challenge the experts. For ages 10 and up.

 **#9406**


Santa Paravia and Fiumaccio (Instant Software)

Become a ruler of a medieval state as you struggle to create a kingdom. Up to six players can compete to see who will become king or queen first. Ages 12 and up.

 **0273 TI**



Airmail Pilot (Instant Software)

Go back in time to the early days of aviation. You must fly the mail from Columbus to Chicago in the shortest time possible through unpredictable winds and electrical storms. Ages 10 and up.

 **0274 TI**


Corner Bound (Microcomputers Corporation)

Exciting skill and strategy game which involves maneuvering a winding, snake-like line so it hits triangular targets set in the corners of the screen. Excellent eye-hand coordination challenge with three levels of difficulty. Ages 8 to adult.

 **MCD0001**  **MCT0001**


Blackjack (Color Software)

Displays all 52 cards showing face views that are easy to recognize. Up to four players can challenge the computer. Ages 12 and up.

 **TI-99/4(A)**


3D Star Trek
(Color Software)

A highly challenging three-dimensional version of the popular Star Trek computer program. Ages 16 and up.

 **TI-99/4(A)**


Bluegrass Sweepstakes
(Pewterware)

A ten-horse field battles it out—fun for all ages!

 **CPW67020**


Decathlon
(Pewterware)

Split-second timing is required to play these ten Olympic events. Your player has one second to complete the first event, and ten seconds to finish the last one. Test your sense of time by telling the player when to go. Fun for ages 10 and up.

 **CPW67030**


Match Wits
(Pewterware)

Up to four players can play this entertaining game of concentration. For ages 16 and up.

 **CPW67050**

Challenge Poker
(Pewterware)

Play the computer or challenge up to three friends to a game of poker. Score points by forming the best poker hands on a 5 by 5 gameboard. The first player to score 100 points is the winner.

 **CPW67070**

Casino Pack
(Ehninger Associates, Inc.)

Your own home casino. Includes a slot machine and craps and blackjack tables. The computer is the "house" and you are the gambler.

 **D1010**

All-Star Baseball
(Ehninger Associates, Inc.)

In this two-player game, each player controls the pitching, fielding, base-running, and game tactics as the situations change. The entire family will enjoy the challenge of active participation in this simulation game. Program available in BASIC or Extended BASIC.

 **C1020**  **C1020X**
(X-BASIC)

Challenge I
(Ehninger Associates, Inc.)

Ten frogs all in a row—five green ones on the left side and five red ones on the right side. Using "look ahead logic," can you reverse the color pattern through a series of frog leaps? Second package is a two-player game of frog-jumping strategy.

 **C1030**

Challenge II
(Ehninger Associates, Inc.)

In NIM, one of the oldest two-player games known to man, objects are arranged in rows between the two players. The players take turns removing an object until there are none left. The one who picks up the last object is the winner. The second program is the well-known Tic-Tac-Toe game.

 **C1040**

Doctor Nuttier
(Ehninger Associates, Inc.)

Let Dr. Nuttier solve all your problems using the psychoanalytic techniques of Carl Rogers. Enter sentences or questions and read the advice Dr. Nuttier gives you.

 **D1050**

Wall Street
A Market Simulation
(Ehninger Associates, Inc.)

A stock market simulation game which lets the user play the "Big Board" over a period of ten years trying to amass his fortune. Available in BASIC or Extended BASIC.

 **C1060**  **C1060X**
(X-BASIC)

SAM Defense
(Ehninger Associates, Inc.)

Simulates the actual firing of a surface-to-air missile. This program simulates the actual watching of a surface-to-air missile.

 **C1080**

Galactic War
(Ehninger Associates, Inc.)

Your ship is surrounded by enemy flying saucers. You must protect your ship by destroying all enemy ships. Program is written in Extended BASIC.

 **C1100X**


All-Star Bowling
(Ehninger Associates, Inc.)

Tournament Bowling for up to eight players. Each player positions the bowling ball on the lane. You can throw your ball with variable speeds and/or right or left hook to knock down the pins. This program is written in Extended BASIC.

 **C1110X**


Chutes & Sharks
(Ehninger Associates, Inc.)

Game of skill for one player. Helicopter drops paratroopers to waiting boat. You must maneuver your boat to catch them. If you fail to catch the paratroopers, a shark will appear and the paratrooper's life will be lost. Required Extended BASIC Command Module and Memory Expansion is optional.

 **C1120XM**

The Cube
(Linear Aesthetic Systems)

A graphic simulation of the well-known Rubik's Cube or Magic Cube puzzle. High resolution graphics simulate play. The Cube has six sides or planes that are capable of being rotated clockwise or counter-clockwise (right or left). Spinning the cube to view the back surface, unscrambling the puzzle and saving scrambled curves are commands included.

 **TI-99/4(A)**

Trail West

(Micro-Ed, Inc.)

Fun for all ages, this is a game of options and events. In traveling to the gold fields of California two thousand miles away, the player must overcome numerous obstacles. If he is to win, he must be able to survive without running out of ammunition and other supplies. You are given supplies at the outset and reserve units are also on hand, but you must be very careful using them. Random events such as large storms and overturned wagons add to the excitement and unpredictability.



#OT-1

Treasure Dive

(Tutorex)

To find the sunken treasure, a scuba diver must escape encounters with various sea monsters and keep a watchful eye on his diminishing air supply. This challenging game of adventure is fun for the entire family.



#TUT 6861

TI Bingo

(Chase-Co.)

Allows you to effortlessly play one of your favorite games—BINGO. Choose from three versions: regular, four corner and "X". The program randomly picks a number from 1-75, assigns it an appropriate letter, calls it twice and then displays it. Besides speech, TI Bingo also has capabilities to print cards and to play automatically.



CCC 61005

Hidden Numbers

(Hall Software)

Enjoy hours of challenging competition with this memory testing game. Several rows of squares hide numbers from 1-10. One or two players try to guess which two squares are hiding identical numbers. Fun for the entire family.



TI-99/4(A)

Peg Jump

(Hall Software)

Now's your chance to play pegboard on a computer. Make the right jumps and you're the winner. Make the wrong ones and you're still ahead of the game by enjoying this fast-moving version.



TI-99/4(A)

Hangman

(Hall Software)

Guess away with that classic mind teaser—Hangman. In this two-player game, you attempt to unscramble another player's word. As correct letters are guessed, they are placed in the appropriate positions. But, if seven wrong guesses are made before the word is deciphered, the guessing player is "hung".



TI-99/4(A)

Scrambled Letters Puzzle & Number and Alphabet Hi-Lo

(Hall Software)

Here's a fun two-game package. Scrambled Letters challenges you to unscramble 15 letters on a grid by moving them to create another grid. Number and Alphabet Hi-Lo aids you in guessing a computer-generated number or letter by saying "too high" or "too low".



TI-99/4(A)

Barrier

(Hall Software)

Engage in head-on strategy in this two-player game. As one player tries to draw a continuous line from left to right, the opponent tries to do the same from top to bottom. While trying to reach their goal as quickly as possible, players must also try to stop each other. Fun for all ages.



TI-99/4(A)

Brain Games

(Creative Computing)

The five exciting games included in this package are: Dueling Digits, Parrot, Tunnel Vision, European Maps, and U.S. Maps. Fun for all ages!



#CS-6002

Strategy Games

(Creative Computing)

Four games to test your strategy skills are included in this package. Blockade, Checkers, Darts and Depth Charge will all challenge your thinking ability.



#CS-6003

Strategy and Brain Games

(Creative Computing)

A combination of Strategy Games (#CS-6003) and the Brain Games (#CS-6002) are included in this disk-based package.



#CS-6501

Speedway 100

(Intersoft)

Complete a chosen number of laps in the least amount of time possible. Six cars appear on a speedway in various lanes, changing speeds intermittently. You must maneuver your car around other cars, being careful not to hit other cars or obstacles.



CIS 64570

Galactic Gunfight

(Intersoft)

You are a long star fighter on patrol in Sector 03 when you are invaded by alien creatures. It is your mission to defend your colony against insurmountable odds. The aliens attack in squadrons of five, and entrap you. Each new squadron is faster than the previous one. Ages 7 and up.



CIS 64540

Sengoku Jidai

(Not-Polyoptics—a division of Synchronet)

A game of adventure and conflict for from one to three players. Set in medieval Japan, this game gives each player a castle and three armies, each army composed of archers, footsoldiers, and samurai, to defend and attack on a randomly generated mapboard. Each game is different!



01

Starship Pegasus

(Not-Polyoptics—a division of Synchronet)

A game of space adventure for one player. Explore and conquer a different quadrant of the galaxy every game! Your ship's screen shows you the solar system you are exploring, and your ship's sensors tell you whether or not a planet is inhabited. You conquer or make treaties, depending on your judgment of the situation. Watch out for space pirates!



Khe Sanh

(Not-Polyoptics—a division of Synchronet)

A tactical skill game for one player. You command the defense force on a military base in Vietnam during the Tet offensive. Two units of enemy regulars are approaching your base; but, where are they? With five platoons and four helicopters you can search and destroy, defoliate forests, defend convoys.



Ships!

(Not-Polyoptics—a division of Synchronet)

Adventure of the high seas for two players. Each commander has three ships to steer in an ocean without any borders! Show your sailing skills as the wind changes directions, and the weather goes from dead calm to typhoon! Good graphics show the ships shooting each other, the splash of misses, and sinking if damage is too great.



Tickworld

(Not-Polyoptics—a division of Synchronet)

An adventure game for one player. Eight dangerous, giant, hungry ticks are after you! They can smell you! You must capture the ticks and put them in cages. Played on a randomly generated board that is different every time you play! Three levels of skill.



Maze of Ariel

(Not-Polyoptics—a division of Synchronet)

A game of skill for one player. In a randomly generated maze of rooms there is only one creature other than yourself—a dragon! Use grenades and a flashlight to negotiate the maze to the top. Watch out for the dragon!



Crosses

(Not-Polyoptics—a division of Synchronet)

A board game for two players. A mixture of Go and Othello, you put down your marker to make a cross on the board and capture your opponent's marker. The first board game ever that requires a computer to play!



Advance

(Not-Polyoptics—a division of Synchronet)

A board game for two to three players. A real breakthrough in computer board games! Advance your character up the game board and deal with squares that you may buy for a random price, squares that give you points, that send you to a random place, or which take all of your points away! Blocking strategy and buying strategy make this game a winner.



Cars and Carcasses II

(Not-Polyoptics—a division of Synchronet)

A game of skill for one player. Drive your car in a randomly generated board with Draculas, Frankensteins, and space monsters! To save your city you must run over all of them!



Extended Baseball

(Extended Software Company)

Full sprite action through nine or more innings of play. Control of pitcher and batter. Balls, strikes, inning changes, scoring, multi-base hits, field player activity, individual batting averages and more make this game action-packed! Requires Extended BASIC.



TI 99/4(A)



TI 99/4(A)

Gorfia Pestulitas

(Extended Software Company)

Action-packed game for the adventurer. Use laser sight to destroy alien ships attacking you. Alternate choice of inertia-influenced space mines. Two skill levels for each choice. Requires Extended BASIC.



TI 99/4(A)



TI 99/4(A)

Extended Hangman

(Extended Software Company)

Unique initial screen. Smooth and straight-forward operation of a time-honored and enjoyable word game. Color, graphics, speech and sound are used to keep the players entertained. Contains 580 words in Easy, Medium and Difficult categories. Add as many more words as you like. Requires Extended BASIC.



TI 99/4(A)




TI 99/4(A)

Other Programs


Diagnostics

Comprehensive tests for checking proper operation of the TI Home Computer. Use this module to test the computer and identify problem areas quickly, automatically and reliably.

 **PHM 3000**
\$29.95


Demonstration

Provides an exciting, easy-to-use demonstration of the features and benefits of the TI Home Computer. This module gives a good review of the Home Computer's vast capabilities and applications.

 **PHM 3001**
\$69.95

Speech Editor

Discover the excitement of the computer-generated voice capabilities of the TI-99/4 Home Computer. You can immediately listen to and experiment with words by typing words, phrases and sentences selected from the Solid State Speech™ Synthesizer's resident vocabulary.

 **PHM 3011**
\$44.95


Statistics

Performs a variety of statistical calculations for you with computer speed and accuracy. Leaves you more time to analyze the results and apply them to your particular situation. Can also be used to analyze data from Personal Record Keeping module. Includes descriptive statistics, correlation, linear regression analysis and other inferential statistical evaluations. Data storage system recommended.

 **PHM 3014**
\$44.95


Extended BASIC

Programming language compatible with TI-99/4 BASIC with the following feature enhancements; multi-statement lines, IF-THEN-ELSE statements, direct screen accessing, output formatting with "using" clause, BASIC sub-programs with arguments and local variables, auto booting of disk programs, easy control of up to 28 sprites from BASIC, program chaining, merging of code, protected programs, "ON ERROR" statements and BOOLEAN functions (AND, OR, NOT, etc.).

 **PHM 3026**
\$99.95

Terminal Emulator II

Links your home computer to the telecommunications world—accessing subscription data services and time-shared computer systems. File transfers with error definition, improved keyboard interface; ability to handle color, speech, sound and graphics; *access of text-to-speech from user-written programs are just some of the features included.*

 **PHM 3035**
\$49.95


Programming Aids I

Provides knowledgeable programmers with more powerful tools for enhancing TI-BASIC. Includes the following capabilities: cataloging disks, "DISPLAY AT," "ACCEPT AT," screen print, lower case letters, second ASCII set subroutines and user-defined characters.

 **PHD 5004**  **PHT 6004**
\$14.95 **\$9.95**

Programming Aids II

Provides the experienced user with the ability to sort information into alphabetic or numeric order for reporting or processing purposes. Includes disk sort, ram sort, file dump and a merge program which makes this package an essential programming tool.

 **PHD 5005**
\$24.95

Math Routine Library

Provides users with Fourier series calculations, function analysis, ordinary differential equations, base conversions, prime factorization, hyperbolic functions, and simultaneous equation calculation.

 **PHD 5006**  **PHT 6006**
\$29.95 **\$24.95**


Electrical Engineering Library

A library of useful tools commonly used by electrical engineers including filter design, root locus, Smith chart, phase-locked loop and a variety of other tools.

 **PHD 5008**  **PHT 6008**
\$29.95 **\$24.95**



Programming Aids III

Provides a useful tool for experienced programmers who want to cross reference a list of all variables, arrays, keywords, functions and line number references. The user can then find where certain variables are used, where subroutines are called, or even which lines need changing to make programs in other BASICs compatible with TI-BASIC. Resequencing, deletion of program parts and the merge of a sequence of code are also made possible.

 **PHD 5012**
\$19.95

Graphing Package

Plotting techniques such as Cartesian and polar plots, scatter plot (with curve fitting) and XYZ plot are all included. Easy to use in a number of graphing applications.

 **PHD 5013**  **PHT 6013**
\$19.95 **\$14.95**

Structural Engineering Library

This useful package provides Structural Engineers an easy-to-use computer program that helps them make complex calculations and evaluations. (Specifics not available at this time.)

 **PHD 5016**  **PHT 6016**
\$29.95 **\$24.95**

**Swine Management
(Hog I)**
(Agricultural Computer
Systems, Inc.)

Provides swine breeders a systematic way to maintain and report on breeding activity. HOG I uses a single disk to record activity on up to 300 sow/boar herd. Litter records are maintained which allow calculation of a sow productivity index. Summary reports total herd productivity.



TI-99/4(A)

**Swine Management
(Hog II)**
(Agricultural Computer
Systems, Inc.)

A two-disk system that uses the same inputs and reports as HOG I, except that breeding records can be maintained on an 800 sow/boar herd.



TI-99/4(A)

Seed Sales
(Agricultural Computer
Systems, Inc.)

For use by grain seed dealers to record customer orders, print invoices on seed company forms, and total sales of each seed by its type and by each customer. The program will manage 150 customers and 225 products.



TI-99/4(A)

**(International 99/4
Users—Group, Inc.)**

In addition to the above-mentioned software, the 99/4 Home Computer Users-Group, Inc. handles a variety of other software. For more details write to address on page 27.

99'er-Ware

There are also additional programs through this company. See page 27 for address details. NOTE: This organization also publishes the *99'er Magazine*, specifically written for the TI Home Computer.

**Possible tax credit for the TI
Home Computer**

Ask your tax adviser about possible investment tax credit and tax deductions for depreciation on the purchase and use of the TI Home Computer in conjunction with your business or investments.

LATEST RELEASES

Adventure

With the Adventure Command Module and one of the many cassette- or diskette-based games developed by Adventure International, you can experience many different adventures without leaving the comfort of your home.

Adventure games available include Adventureland, Mystery Fun House, Ghost Town and many more. Each game challenges your powers of logical reasoning and may require hours, or even weeks, to complete.

It requires the TI Disk Memory System (TI Disk Drive Controller and TI Disk Memory Drive) for the disk version, or a cassette recorder and the TI Cassette Interface Cable for the cassette version.



PHM 3041D
\$49.95.



PHM 3041T
\$49.95

Tombstone City: 21st Century

You find yourself in a 21st Century Old West ghost town threatened by an invading hoard of green alien morgs. They live off of only two things—tumbleweeds and people.

You and your security force of prairie schooners try to stop the morgs before they infest the earth.

A one-player game, Tombstone City is designed to test your strategy as well as your skill. The TI Wired Remote Controllers are optional.



PHM 3052
\$39.95.

TI Invaders

In TI Invaders, your world is under attack by numerous nasty creatures from space.

You must use your wit and quick movements in this one-player game to destroy the multi-colored creatures with your missiles. The TI Wired Remote Controllers are optional.



PHM 3053
\$39.95.

Car Wars

If you enjoy the excitement of high-speed racing, combined with the challenge of out-maneuvering a canny opponent, then Car Wars is your kind of game. Pit your speed and skill against the computer's as you try to get your car around the track without getting "crashed" off the field.

Various levels of difficulty allow you to add even more excitement to the action of this one-player game. The TI Wired Remote Controllers are optional.



PHM 3054
\$39.95.

Guide to accessories for the TI Home Computer

This quick-reference chart is provided to tell you the accessories requirements for each of the programs in this directory. Many programs do not require any accessories. Others may require one or more peripheral accessories in order for you to fully utilize the program.

TITLE	MODEL NUMBER	MEDIUM	32K Memory Expansion	Extended BASIC Command Module	Speech Editor Command Module	RS-232 Accessories Interface and Compatible Printer	RS-232 Accessories Interface and Telephone Coupler (Modem)	Solid State Printer	Wired Remote Controllers	Solid State Speech Synthesizer	Cassette Recorder and Connecting Cable	Disk Memory Drive and Disk Drive Controller
HOME MANAGEMENT/PERSONAL FINANCE (TI)												
Home Financial Decisions	PHM 3006	Command Module										
Household Budget Management	PHM 3007	Command Module	O	O								
Securities Analysis	PHM 3012	Command Module				O						
Personal Record Keeping	PHM 3013	Command Module	S	S		O		O				
Tax/Investment Record Keeping	PHM 3016	Command Module	R			O		O				
Personal Real Estate	PHM 3022	Command Module	S	S		O		O				
Mailing List	PHD 5001	Diskette	R			O		O				
Personal Financial Aids	PHD 5003	Diskette	R			O		O				
	PHT 6003	Cassette		R		O		O				
Checkbook Manager	PHD 5021	Diskette	R			O		O				
Business Aids Library-Financial Management	PHD 5022	Diskette	R			O		O				R
Business Aids Library-Inventory Management Δ	PHD 5024	Diskette	R			R*		R*				
Business Aids Library-Invoice Management Δ	PHD 5027	Diskette	R					R				
Business Aids Library-Cash Management	PHD 5029	Diskette	R			O		O				R
Business Aids Library-Lease/Purchase Decisions	PHD 5038	Diskette	R			S		S				
	PHT 6038	Cassette		R		S		S				
HOME MANAGEMENT/PERSONAL FINANCE (Other Suppliers)												
The Project Boss (Charles Mann & Associates)	D 004	Diskette	R			O		O				
Business Data Base (Charles Mann & Associates)	D 047	Diskette	R			S		S				R
Payroll I (Charles Mann & Associates)	D 048	Diskette	R			S		S				R
Address File (Jeffware)	Specify TI-99/4(A)	Cassette	R									
General Ledger (Ehninger Associates Inc.)	Specify TI-99/4(A)	Diskette	R (2)									
Household Inventory (Ehninger Associates Inc.)	H 1010 (X)	Diskette	R			R*		R*				O
Amortization Schedule (Joe D. Fain, Sr.)	Specify TI-99/4(A)	Diskette	R					R				R
		Cassette		R				R				R
Black Book (Denali Data)	DDA 2222	Cassette		R		O		O				
Flyer (Dena Data)	DDD 2222	Cassette		R		R*		R*				
Inventory (W. R. Wilson Inc.)	INV 1.0	Diskette	R			O		O				
Accounts Receivable (W. R. Wilson Inc.)	ACC 1.0	Diskette	R			O		O				
TI-Count/Accounts Payable (Pike Creek Computer Co., Inc.)	Specify TI-99/4(A)	Diskette	R (2)					R				
TI-Count/Mail (Pike Creek Computer Co., Inc.)	Specify TI-99/4(A)	Diskette	R (2)					R				R
TI-Count/General Ledger (Pike Creek Computer Co., Inc.)	Specify TI-99/4(A)	Diskette	R					R				O
EDUCATION/PERSONAL ENRICHMENT (TI)												
Early Learning Fun	PHM 3002	Command Module										
Beginning Grammar	PHM 3003	Command Module										
Number Magic	PHM 3004	Command Module										
Video Graphs	PHM 3005	Command Module		O		O						
Video Chess	PHM 3008	Command Module		O								
Physical Fitness	PHM 3010	Command Module										
Early Reading	PHM 3015	Command Module							R			
Music Maker	PHM 3020	Command Module	S	S		O	O					
Weight Control and Nutrition	PHM 3021	Command Module	S	S		O		O				
Addition/Subtraction 1	PHM 3027	Command Module				O						
Addition/Subtraction 2	PHM 3028	Command Module				O						
Multiplication 1	PHM 3029	Command Module				O						
TILOGO	PHM 3040	Command Module	O									R
Teach Yourself Basic	PHD 5007	Diskette	R									
	PHT 6007	Cassette		R								
Music Skills Trainer	PHD 5009	Diskette	R									
	PHT 6009	Cassette		R								
Computer Music Box	PHD 5011	Diskette	R									
	PHT 6011	Cassette		R								
Market Simulation	PHD 5018	Diskette	R									
	PHT 6018	Cassette		R								
Teach Yourself Extended Basic	PHD 5019	Diskette	R									R
	PHT 6019	Cassette		R								R
Music Maker Demonstration**	PHD 5020	Diskette	R									
Basketball Statistician	PHD 5023	Diskette	R									R
Bridge Bidding I	PHD 5025	Diskette	R									
	PHT 6025	Cassette		R								
Speak & Spell	PHD 5030	Diskette	R			R						R
Speak & Math †	PHD 5031	Diskette	R			R						
	PHT 6031	Cassette		R		R						
Bridge Bidding II	PHD 5039	Diskette	R									
	PHT 6039	Cassette		R								
Bridge Bidding III	PHD 5041	Diskette	R									
	PHT 6041	Cassette		R								
Spell Writer †	PHD 5042	Diskette	R			R						
	PHT 6042	Cassette		R		R						
EDUCATION/PERSONAL ENRICHMENT (Other Suppliers)												
Jotto (Microcomputers Corp.)	II	Diskette	R									
		Cassette		R								
Match 'EM I (Microcomputer Corp.)	III	Diskette	R									
		Cassette		R								
Pow Wow (Microcomputer Corp.)	IV	Diskette	R									
		Cassette		R								

*Requires one disk drive; addition of second disk drive optional.
†Requires Terminal Emulator II Command Module.

Δ Requires either Personal Record Keeping or Statistics Command Module.
**Music Maker Command Module Required.

EXPLANATION OF ACCESSORY CODES:
 R — Required
 R*—Indicates the user may choose either accessory
 O — Optional
 S — Strongly recommend use of appropriate mass storage device for full utility of this package
 (disk or cassette).

†Trademark of Milton Bradley Co.
†† Requires card reader available from Scott, Foresman and Co.

S — Strongly recommend use of appropriate mass storage device for full utility of this package (disk or cassette).

- 32K Memory Expansion
- Extended BASIC
- Command Module
- Speech Editor Command Module
- RS-232 Accessories Interface and Compatible Printer
- RS-232 Accessories Interface (Modem) and Telephone Coupler
- Solid State Printer
- Wired Remote Controllers
- Solid State Speech Synthesizer
- Cassette Recorder and Connecting Cable
- Disk Memory Drive and Disk Drive Controller

Applications programs available for the TI Home Computer

Categories represented are: Entertainment, Youth Education, Home Management, Personal Finances, Language Skills, Music, Secondary Education, Business/Professional, and Other. These lists may contain omissions and duplications; to the best of our knowledge, however, they are complete as of September 22, 1981. Third party software may be obtained from the addresses on the back cover.

Home Management

TITLE	Other Programs	Time Scheduling	Record Keeping	Communications	Physical Fitness	Food	Maintenance	Horticulture	Public Health	SOURCE
Lists	X	X								Users Group
Personal Record Keeping			X							Texas Instruments Incorporated
Household Inventory			X							Ehninger Associates Inc.
Addresses			X							Users Group
House Inventory			X							Users Group
Records			X							Users Group
Xmas List			X							Users Group
Directory			X							Users Group
Data Base #1			X							Users Group
Master Index			X							Users Group
Record File			X							Users Group
Family Tree			X							Users Group
Records & Listings			X							Users Group
Mail List				X						Texas Instruments Incorporated
Address File				X						Jeffware
Word Processing				X						Users Group
Address File				X						Users Group
Mail List CND #3				X						Users Group
Mail List Search-Print				X						Users Group
Mailing List				X						Users Group
Weight Control and Nutrition						X	X			Texas Instruments Incorporated
Physical Fitness						X				Texas Instruments Incorporated
Pulmonary Test						X				Users Group
Life Expectancy						X				Users Group
Diet Manager						X	X			Users Group
Kitchen Aids							X			Users Group
Energy & Security Management								X		RCL Computers

Youth Education

TITLE	Spelling	Reading	Mathematics	Writing	Science	Social Studies	Problem Solving	Music	Computer Literacy	SOURCE
Spell Writer	X									Texas Instruments Incorporated
Hangman	X									Texas Instruments Incorporated
Speak & Spell *	X									Texas Instruments Incorporated
Hangman	X									Hall Software Company
Scrambled Letters	X									Hall Software Company
Extended Hangman	X									Extended Software Company
Racing Letters	X									Microcomputers Corporation
Matchem I	X	X	X							Microcomputers Corporation
Matchem II	X	X	X							Microcomputers Corporation
Grade 2 Spelling	X									Micro-Ed Inc.
Grade 3 Spelling	X									Micro-Ed Inc.
Grade 4 Spelling	X									Micro-Ed Inc.
Grade 5 Spelling	X									Micro-Ed Inc.
Grade 6 Spelling	X									Micro-Ed Inc.
Word List Package	X									Anthistle Systems & Programming Ltd.
Spell	X									Users Group
Alpha	X	X								Users Group
Hangman	X									Users Group
Hangman & Spelling	X									Users Group
Spelling 'B'	X									Users Group
Spelling Test	X									Users Group
Spelldown	X									Users Group
Lower Case Convert	X									Users Group
Beginning Grammar			X							Texas Instruments Incorporated
Early Reading			X							Texas Instruments Incorporated or Scott Foresman & Co.
Jotto			X							Microcomputers Corporation
All-Star Baseball			X	X						Ehninger Associates Inc.
Story Time			X							Sensational Software
Antonym Machine			X							Micro-Ed Inc.
Homonym Machine			X							Micro-Ed Inc.
The Verb			X							Micro-Ed Inc.
Identifying Sentences			X							Micro-Ed Inc.
Vocabulary Series			X							Micro-Ed Inc.
Early Reading Package			X							Anthistle Systems & Programming Ltd.
Vocabulary Test			X							Users Group
Wordtotal			X							Users Group
Word Syllables			X							Users Group

* Speak & Spell is a trademark of Texas Instruments

Youth Education

TITLE	Spelling	Reading	Mathematics	Writing	Science	Social Studies	Problem Solving	Music	Computer Literacy	SOURCE
Early Learning			X					X		Texas Instruments Incorporated
Number Magic			X							Texas Instruments Incorporated
Speak & Math™			X							Texas Instruments Incorporated
Add & Sub 1			X					X		Texas Instruments Incorporated or Scott Foresman & Company
Add & Sub 2			X					X		Texas Instruments Incorporated or Scott Foresman & Company
Multiplication 1			X					X		Texas Instruments Incorporated or Scott Foresman & Company
Addition			X							Microcomputers Corporation
Subtraction			X							Microcomputers Corporation
Multiplication			X							Microcomputers Corporation
Division			X							Microcomputers Corporation
Hidden Numbers			X							Hall Software Company
Challenge 1			X							Ehninger Associates Inc.
Count 'Em			X							Micro-Ed Inc.
Bar Graph			X							Micro-Ed Inc.
Higher, Same, Lower			X							Micro-Ed Inc.
Advance			X							Not-Polyoptics
Sigma			X							Users Group
Addition Test			X							Users Group
Math Test (w/ Speech)			X							Users Group
Math Test (w/o Speech)			X							Users Group
File			X							Users Group
Triangle			X							Users Group
Fractions			X							Users Group
Color Math			X							Users Group
Time & Speed			X							Users Group
Least Square			X							Users Group
The Chase			X							Users Group
Arithmagraphs			X							Users Group
Math Tutor			X							Users Group
First Addition			X							Users Group
Color Fractions			X							Users Group
Making an Outline					X					Micro-Ed Inc.
Tense					X					Users Group
Barnyard Fun						X				American Software Design & Distribution
Clock						X				Users Group
Time Clock						X				Users Group
Resistor Test						X				Users Group
Morse Code						X				Users Group
Dr. Nutier							X			Ehninger Associates Inc.
Flags							X			Users Group
Presidents							X			Users Group
Presidents II							X			Users Group
Confirmation Exercise							X			Users Group
Bible Books							X			Users Group
Capitals							X			Users Group
States							X			Users Group
World Flags							X			Users Group
Flags of Nations							X			Users Group
Hunt the Wumpus								X		Texas Instruments Incorporated
Pow-Wow								X		Microcomputers Corporation
I-Q Builder 1								X		Program Design Incorporated
I-Q Builder 2								X		Program Design Incorporated
Code Breakers								X		Program Design Incorporated
Trail West								X		Micro-Ed Inc.
Direction & Distance								X		Micro-Ed Inc.
Clock								X		Micro-Ed Inc.
Hat in the Ring								X		Micro-Ed Inc.
Match Up								X		Users Group
Precious Metals Conv.								X		Users Group
Computer Music Box									X	Texas Instruments Incorporated
Music Skills Trainer									X	Texas Instruments Incorporated
Music Maker									X	Texas Instruments Incorporated
Musical Key									X	Users Group
Musical Scale									X	Users Group
Rhythm									X	Users Group
Intervals									X	Users Group
Teach Yourself Basic									X	Texas Instruments Incorporated
Teach Yourself E. Basic									X	Texas Instruments Incorporated
TI Logo									X	Texas Instruments Incorporated

™ Speak & Math is a trademark of Texas Instruments

Secondary Education

TITLE	SOURCE
Alcohol & Behavior	Creative Computing
Psycho Analysis	Creative Computing
Sex Roles	Creative Computing
Blockade	Creative Computing
Checkers	Creative Computing
Darts	Creative Computing
Depth Charge	Creative Computing
Dueling Digits	Creative Computing
Parrot	Creative Computing
Tunnel Vision	Creative Computing

TITLE	SOURCE
European Maps	Creative Computing
U.S. Maps	Creative Computing
Career File Index	Users Group
Word Game	Users Group
Complete Square	Users Group
Solar	Users Group
Test-Tube	Users Group
Trinomial	Users Group
System	Users Group
Facts of Life	Users Group

Business/Professional

TITLE	SOURCE
Statistics	Texas Instruments Incorporated
Inventory Management	Texas Instruments Incorporated
Cash Management	Texas Instruments Incorporated
Invoice Management	Texas Instruments Incorporated
Lease/Purchase Decisions	Texas Instruments Incorporated
Math Routine Library	Texas Instruments Incorporated
Electrical Engineering Library	Texas Instruments Incorporated
Structural Engineering Library	Texas Instruments Incorporated
Swine Management	Agricultural Computer Systems, Inc.
Swine Management II	Agricultural Computer Systems, Inc.
Seed Sales	Agricultural Computer Systems, Inc.
Accounting Package	Anthistle Systems & Programming, Ltd.
Financial Package	Anthistle Systems & Programming, Ltd.
Percentage Comparisons	Anthistle Systems & Programming, Ltd.
Hyperbolic	Data Systems
2x2 Matrix	Data Systems
Circle 3 Pt.	Data Systems
Freefall	Data Systems
Sigma	Data Systems
Vector * Product	Data Systems
3x3 Matrix	Data Systems
Derivative	Data Systems
Hydrocarbon	Data Systems
Quadratic	Data Systems
Vector X Product	Data Systems
Acceleration	Data Systems
Flyer Program	Denali Data Design
Black Book	Denali Data Design
Check Book Reconciliation	Denali Data Design
advoCAIte Authoring	eduCAIte Incorporated
General Ledger	Ehninger Associates Inc.
Accounts Payable	Ehninger Associates Inc.
Accounts Receivable	Ehninger Associates Inc.
Payroll	Ehninger Associates Inc.
Inventory Management	Ehninger Associates Inc.
Word Processing	Ehninger Associates Inc.
Mailing List	Ehninger Associates Inc.
Astronomy Programs	Eastbench Computer Products
Matrix Routines	Eastbench Computer Products
Linear Equation Solver	Eastbench Computer Products
Fourier Transform	Eastbench Computer Products
Curve Fitting Routines	Eastbench Computer Products
Hyperbolic Functions	Eastbench Computer Products
Two-Dimensional FFT	Eastbench Computer Products
Data Fitter	Eastbench Computer Products
Cash Flow	Joe D. Fain, Sr.
Depreciation Schedule	Joe D. Fain, Sr.
Amortization Schedule	Joe D. Fain, Sr.
Text/99	Letcher Offshore Design
Draw/99	Letcher Offshore Design
Naval Architecture	Letcher Offshore Design
The Project Boss	Charles Mann & Associates
Business Data Base	Charles Mann & Associates
Payroll I	Charles Mann & Associates
Ti-Count/General Ledger	Pike Creek Computers, Inc.
Ti-Count/Payroll	Pike Creek Computers, Inc.
Ti-Count/Mail	Pike Creek Computers, Inc.
Ti-Count/Accounts Payable	Pike Creek Computers, Inc.
Ti-Count/Accounts Receivable	Pike Creek Computers, Inc.
Ledger/Payroll	E. D. Schwarz, M.D.
Activity Accountant	Scott, Foresman and Company
School Mailer	Scott, Foresman and Company
File Management System	Small Business/Professional Computer Services

TITLE	SOURCE
Statistics Package	Small Business/Professional Computer Services
Inventory	W. R. Wilson Inc.
Accounts Receivable	W. R. Wilson Inc.
Accounts Payable	W. R. Wilson Inc.
General Ledger	W. R. Wilson Inc.
Inventory-Invoice	W. R. Wilson Inc.
Payroll	W. R. Wilson Inc.
Inventory	Paul Yates Computer Services
Order Entry	Paul Yates Computer Services
Sales	Paul Yates Computer Services
Mailing List	Paul Yates Computer Services
Calendar	Users Group
Grading System	Users Group
Day	Users Group
Financial Math	Users Group
Factorial	Users Group
Derivative of Function	Users Group
Linear Regression	Users Group
Number Convert	Users Group
Sandwich Shop	Users Group
Ham File	Users Group
P.E.R.T.	Users Group
C.P.M.	Users Group
Word Processing	Users Group
Conversions	Users Group
Sorts	Users Group
Depreciation Schedule	Users Group
Logg	Users Group
Chisquare	Users Group
Alpha Numeric	Users Group
Convert	Users Group
Decisions	Users Group
Deductions	Users Group
Statement	Users Group
Profitmix	Users Group
Fuzzy Decision Making	Users Group
Safety	Users Group
True-False Test	Users Group
Multiple Choice Test	Users Group
Match the Answer Test	Users Group
Days Between Dates	Users Group
Divide	Users Group
Georgian Calendar	Users Group
Futval	Users Group
?Pay	Users Group
EQN	Users Group
Flight Plan	Users Group
The Church Treasurer	Users Group
Irrigation Costs	Users Group
Doctors Billing System	Users Group
Mohr's Circle	Users Group
FFT	Users Group
Antenna	Users Group
Data Forecasting	
Divergence	Users Group
Temperature Conversion	Users Group
Black Body	Users Group
Decompression	
Calculation	Users Group
Elliptical Orbits	Users Group
Full Moon	Users Group
Rect/Sun	Users Group
Golf Handicapping	Users Group

Personal Finances

TITLE	Loan Analysis	Energy Management	Transfers	Estate Planning	Record Keeping	Taxes	Insurance	Budget	Bank Accounts	Securities	Real Estate	MEDIA SOURCE
Financial Manager	X										X	Texas Instruments Incorporated
Home Financial Decisions	X									X	X	Texas Instruments Incorporated
Personal Financial Aids	X										X	Texas Instruments Incorporated
Personal Real Estate	X										X	Texas Instruments Incorporated
Conventional Loan Analysis	X										X	Users Group
Loan Interest	X										X	Users Group
Amortization Schedule	X										X	Users Group
Annuities	X										X	Users Group
Buy or Rent?	X											Users Group
Securities Analysis			X									Texas Instruments Incorporated
Stock Records			X									Users Group
Stock Trend/Reports			X									Users Group
Stock Transactions			X									Users Group
Checkbook Manager				X	X			X				Texas Instruments Incorporated
Checkbook #1				X				X				Users Group
Checkbook Balance				X								Users Group

Personal Finances

TITLE	Loan Analysis	Energy Management	Transfers	Estate Planning	Record Keeping	Taxes	Insurance	Budget	Bank Accounts	Securities	Real Estate	SOURCE
Check Sorts				X								Users Group
Credit Card Management				X				X				Users Group
Household Budget Management					X							Texas Instruments Incorporated
Compare					X							Users Group
Compare/Printer					X							Users Group
Home Budgeting					X							Users Group
Household Budgeting					X							Users Group
TIRK							X	X				Texas Instruments Incorporated
1040 Form							X					Users Group
Receipt Expenses							X					Users Group
Income Averaging							X	X				Users Group
Medical Expenses							X	X				Users Group
Records								X				Users Group
Estate									X			Users Group
Investment-Value									X			Users Group
Invest?									X			Users Group
Financial Planning Helps									X			Users Group
Auto Expenses										X		Users Group
House Cost											X	Users Group
Interest Projections											X	Users Group
Installment Payments											X	Users Group
Conventional Step Loan											X	Users Group
Future Value											X	Users Group
Installment Payment											X	Users Group

Entertainment

TITLE	Action	Strategy	Party Games	Logical Thinking	Multi-Player	SOURCE
Attack †	X					Texas Instruments Inc.
Video Games	X				X	Texas Instruments Inc.
Soccer	X				X	Texas Instruments Inc.
A-Maze-Ing	X				X	Texas Instruments Inc.
Basio †	X				X	Texas Instruments Inc.
Hustle †	X				X	Texas Instruments Inc.
Zero Zap †	X				X	Texas Instruments Inc.
Tournament Brickbat	X				X	Image Producers
Airmail Pilot	X	X				Instant Software
Corner Bound	X	X				Microcomputers Corp.
Cars & Carcasses	X					Not-Polyoptics
Starship Pegasus	X					Not-Polyoptics
Games I (Pack of 3)	X					Timore Products
Games II (Pack of 3)	X					Timore Products
Gran Prix	X					Ehninger Associates Inc.
Sam Defense	X					Ehninger Associates Inc.
Galactic War	X					Ehninger Associates Inc.
Chutes & Sharks	X					Ehninger Associates Inc.
All-Star Baseball	X				X	Ehninger Associates Inc.
All-Star Bowling	X				X	Ehninger Associates Inc.
Peg Jump	X					Hall Software Company
Barrier	X					Hall Software Company
Galactic Gunfight	X				X	Intersoft
Speedway 100	X					Intersoft
Meteor Storm	X					Intersoft
Treasure Dive	X					Tutorex
Decathlon	X					Pewterware
Space Battle	X					American Software Design & Distribution
Ski	X					American Software Design & Distribution
Laser Shield	X					American Software Design & Distribution
Land on Mars	X					American Software Design & Distribution
Gorfia Pestulitis	X					Extended Software Company
Space Race	X					Software Industries
Laser Wars	X					Kemp Software
Racing	X					Kemp Software
Wrap	X					Kemp Software
Alien Attack	X					The Software Exchange Group
X-Wing Pilot	X					The Software Exchange Group

TITLE	Action	Strategy	Party Games	Logical Thinking	Multi-Player	SOURCE
Invade the Empire	X					The Software Exchange Group
Obstacle Course	X					Sunshine Software
Cars & Carcasses	X					Users Group
Lunar Lander	X					Users Group
Obstacle Course	X					Users Group
Pony (Speech)	X					Users Group
Sailing	X					Users Group
Schmoo	X					Users Group
Simon I	X					Users Group
T.I. Wars	X					Users Group
Crazy Lines	X					Users Group
Road Race	X					Users Group
Landing	X					Users Group
Shoot Out	X					Users Group
Star Fight	X					Users Group
English Tennis	X					Users Group
Air & Sea Battle	X				X	Users Group
Dunkshoot	X					Users Group
Docking	X					Users Group
Lapides	X					Users Group
Robot Chase	X					Users Group
Bombs	X					Users Group
French Tennis	X					Users Group
Baseball	X				X	Users Group
Robot	X				X	Users Group
Lander	X					Users Group
One-Arm	X					Users Group
Monster Combat 1	X					Users Group
Monster Combat 2	X					Users Group
Tank Fight	X				X	Users Group
Zap-A-Ball	X				X	Users Group
Air Combat	X				X	Users Group
Battle for Iapetus	X				X	Users Group
Scorcher	X					Users Group
Aliens	X					Users Group
Splat	X					Users Group
Death Tank	X				X	Users Group
Gunfight	X				X	Users Group
Helicopter Rescue	X					Users Group
Space Shoot	X					Users Group
Motocross	X					Users Group
Home Run	X					Users Group
Laser Wins	X					Users Group
Battleship	X					Users Group
Star-Guard	X					Users Group
Boxing	X					Users Group
Space Invaders	X					Users Group
Minefield 2	X					Users Group
Dodgem	X					Users Group
Motorcycle Jump	X					Users Group

† Trademark of Milton Bradley Company

Entertainment

	Action	Strategy	Party Games	Logical Thinking	Multi-Player	SOURCE
Wampus 2 (Speech)		X		X		Users Group
Tic Tack Toe		X			X	Users Group
Touning		X				Users Group
Football		X				Users Group
Island		X				Users Group
J.C.L. Squares		X				Users Group
Puzzle 15		X				Users Group
Going Home		X			X	Users Group
Numbers Away		X				Users Group
Tradelanes		X			X	Users Group
Deep-Space		X				Users Group
Checkers 2		X			X	Users Group
Keno		X				Users Group
Stellar		X				Users Group
Stock Market		X				Users Group
Time Bomb		X				Users Group
Dominoes		X				Users Group
Miner		X				Users Group
Connect Four		X				Users Group
Space Scout		X				Users Group
Superman		X				Users Group
Saturday Night Bingo				X	X	Texas Instruments Inc.
Mystery Melody			X	X		Texas Instruments Inc.
Oldies/Goodies I			X			Texas Instruments Inc.
Ti Bingo			X		X	Chase-Co
B.G. Sweeps			X			Pewterware
Match Wits			X	X	X	Pewterware
Bible 1			X			Users Group
Bible 2			X			Users Group
Guess Phrase			X		X	Users Group
Tarot Cards			X			Users Group
Rebound			X		X	Users Group
Cannon			X			Users Group
Wordsearch			X			Users Group
Slot Machine			X			Users Group
Lexicality			X		X	Users Group
Chief			X			Users Group
Match Game			X			Users Group
Scrabble			X			Users Group
Hunt The Wampus				X	X	Texas Instruments Inc.
Mind Challengers				X		Texas Instruments Inc.
Hangman				X	X	Texas Instruments Inc.
Ti-Trek				X		Texas Instruments Inc.
Bridge Bidding 1				X		Texas Instruments Inc.
Bridge Bidding 2				X		Texas Instruments Inc.
Wildcatting				X		Image Producers
Skill Builder I				X	X	Image Producers
Doctor Nuttier				X		Ehninger Associates Inc.
Concentration				X	X	Anthistle Systems & Programming Ltd.
Master				X		Users Group
Monster				X		Users Group
Number Guess				X		Users Group
Tax Collector				X		Users Group
Capture				X		Users Group
Seymour The Monster				X		Users Group
Stars				X		Users Group
Code Breaker				X		Users Group
Nimble				X		Users Group
Life				X		Users Group
Animal				X		Users Group
Othello				X	X	Users Group
Gomoko				X		Users Group
Sinking Ships				X	X	Users Group
Gunners				X	X	Users Group
Verboten				X	X	Users Group
Reversi				X	X	Users Group
King				X		Users Group
Depth Charge				X		Users Group
One Check				X		Users Group
White Holes				X		Users Group
Line Up				X		Users Group

	Action	Strategy	Party Games	Logical Thinking	Multi-Player	SOURCE
Battlers	X				X	Users Group
Chess		X		X		Texas Instruments Inc.
Football		X			X	Texas Instruments Inc.
Blackjack-Poker		X	X		X	Texas Instruments Inc.
Connect Four †		X			X	Texas Instruments Inc.
Yahtzee †		X			X	Texas Instruments Inc.
Oldies/Goodies II		X		X	X	Texas Instruments Inc.
Draw Poker		X				Texas Instruments Inc.
Market Simulation		X			X	Texas Instruments Inc.
Blackjack		X	X		X	Color Software
3D Star Trek		X		X		Color Software
Dry Well		X				Color Software
Nuclear Reactor		X				Color Software
Mind Masters		X				Image Producers
Wall St. Challenge		X				Image Producers
Strat Pak I		X			X	Image Producers
Wall Street		X				Ehninger Associates Inc.
Casino Pack		X			X	Ehninger Associates Inc.
Challenge I		X				Ehninger Associates Inc.
Challenge II		X				Ehninger Associates Inc.
St. Paravia		X	X		X	Instant Software
Challenge Poker		X			X	Pewterware
Crosswords		X				Sensational Software
Craps		X			X	Hall Software
Nim		X				Hall Software
Blackjack		X		X	X	Hall Software
American Baccarat		X			X	Anthistle Systems & Programming Ltd.
Cribbage		X			X	Sunshine Software
Qubic		X				Sunshine Software
Snips!		X				Not-Polyoptics
Khe Sanh		X				Not-Polyoptics
Sengoku Jidai		X				Not-Polyoptics
Tickworld		X				Not-Polyoptics
Maze of Ariel		X				Not-Polyoptics
Crosses		X			X	Not-Polyoptics
Ringwraith's Lair		X		X		Fantasy Computing
The Cube		X			X	Linear Aesthetic Systems
Extended Baseball		X			X	Extended Software Company
Checkers		X				Users Group
Crash		X			X	Users Group
Dragonmaze		X				Users Group
Golf		X			X	Users Group
Queen		X				Users Group
Artillery		X				Users Group
Par-2		X			X	Users Group
Quantal		X			X	Users Group
Black-Jack (Speech)		X	X			Users Group
Civil War		X				Users Group
Craps		X	X			Users Group
Startrek		X	X			Users Group
Desert		X				Users Group
Hexpawm		X				Users Group
Squares		X			X	Users Group
Wiz		X			X	Users Group
Hamurabi		X				Users Group
Indian		X				Users Group
Camel		X				Users Group
U.F.O.		X				Users Group
Nab		X				Users Group
Yahtzee		X			X	Users Group
Quest		X				Users Group
Wampus		X		X		Users Group
Mugwampus		X		X		Users Group
Snark				X		Users Group
Echo Chamber				X	X	Users Group
The Lucas Problem				X		Users Group
In-Between				X		Users Group
Knights				X		Users Group
Psychology				X		Users Group
One Or Two				X	X	Users Group
Nomad				X		Users Group

† Trademark of Milton Bradley Company

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