_____

I put a lot of time into producing these files which is why you are met with this page when you open the file.

In order to generate this file, I need to scan the pages, split the double pages and remove any edge marks such as punch holes, clean up the pages, set the relevant pages to be all the same size and alignment. I then run Omnipage (OCR) to generate the searchable text and then generate the pdf file.

Hopefully after all that, I end up with a presentable file. If you find missing pages, pages in the wrong order, anything else wrong with the file or simply want to make a comment, please drop me a line (see above).

It is my hope that you find the file of use to you personally – I know that I would have liked to have found some of these files years ago – they would have saved me a lot of time !

Colin Hinson
In the village of Blunham, Bedfordshire.

TEXAS INSTRUMENTS
HOME COMPUTER
SOFTWARE LIBRARY

THE SOFTWARE WORLD OF THE TI-99/4A HOME COMPUTER

A world of education, exciting and creative entertainment, rational and rewarding organisation. A world in which you can start small and move on to higher level programming languages, learning computer literacy along the way. A world in which you can use your computer to explore a multitude of professional and other applications. The TI-99/4A Home Computer from Texas Instruments offers you all this with its virtually unlimited program possibilities and opportunities. A library of knowledge is at your disposal, worldwide, on Solid State Software* cartridges, diskettes and cassettes specially devised for the TI-99/4A.
And you don't have to be an expert to take advantage of them.

Knowledge in a package

Programs are available in one of three handy formats. First there are the easy-to-use Solid State Software* **cartridges** originally devised by Texas Instruments. Just plug it in and you're ready to go straight away… Then there are programs that are on small floppy **diskettes.** When you use a disk memory system you have instant access to data and programs on magnetic disk and they can be loaded into the computer in a matter of seconds.
Finally there are programs on standard audio tape **cassettes** for which you need a TI or conventional cassette recorder and a cable for connecting it to the main console. You're then able to store programs and data on cassette and use all the available cassette software.

Media

In the following listing of software packages from Texas Instruments you'll find one of the following symbols next to each program title so that you can instantly see in which medium it is available.

SYMBOL		MEDIA
⬆	=	SOLID STATE SOFTWARE* CARTRIDGE
⚫	=	DISKETTE
▣▣	=	CASSETTE

Interest

The software packages are divided into four interest groups.
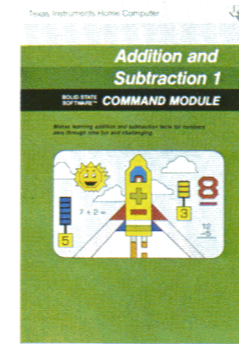
Addition/Subtraction 1 [1] ⬆
This is the initial cartridge in a series developed in conjunction with Scott, Foresman and Company, a leading publisher of educational textbooks. Teaches basic arithmetic skills and provides drills for reinforcement. For school beginners.
Speech Synthesizer recommended.
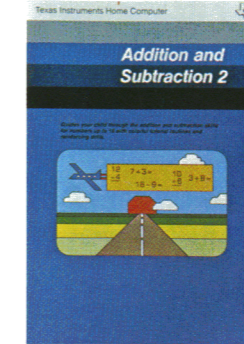
Addition/Subtraction 2 [1] ⬆
Second in a series of addition and subtraction tutorial packages involving more difficult problems and techniques than found in Addition/Subtraction 1.
Speech Synthesizer Recommended.

Alien Addition [2] ⬆
Alien invaders can be stopped only by firing a laser cannon which "equalizes" the enemy with correct answers to addition problems on the alien spacecraft. Fast moving educational game.

Alligator Mix [2] ⬆
Hungry alligators must be fed– but they only eat apples which bear the correct answers to the addition or subtraction problems which appear on their stomachs. Exciting educational game.

Beginner's Basic Tutor ▣▣
Introduces programming concepts to the new user. Includes eight separate lessons that complement the "Simple Programming" part of the user's guide found with each console. Also includes multiple-choice questions to ensure understanding of programming concepts.
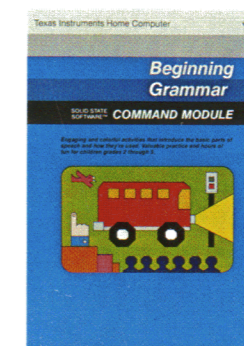
Beginning Grammar ⬆
Engaging and colourful activities that introduce the basic parts of speech and how they are used to build sentences. Valuable practice and hours of fun for children aged 6 to 10.
Also suited for beginners of English language.

1) Developed in conjunction with Scott, Foresman.
2) Trademark of Development Learning Materials.
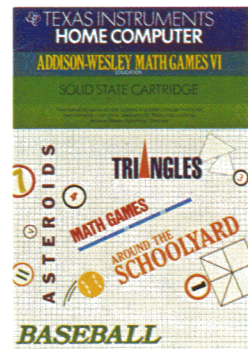
Computer Math Games[3] I, II, III, IV + VI
Challenging new way to learn maths. Five exciting new cartridges for children aged 5 to 10 years.
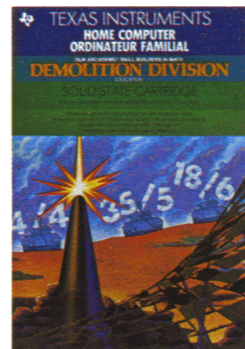
Demolition Division[2]
Four tanks, each carrying a division problem, advance toward barricades which protect your cannons. Your only ammunition is the correct answer to the division problems which each tank carries.
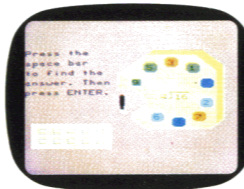
Division 1[1]
Animation, colour and graphics are used to teach the meaning of division and basic facts of division. Concepts are taught and practised. Users are automatically provided with extra help if their performance is low.
For children aged 6 to 10.
Speech Synthesizer recommended.
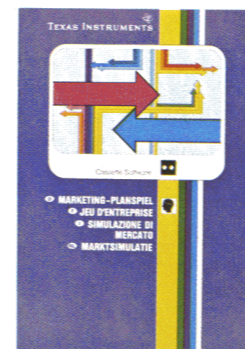
Market Simulation
A simulation package that places two contestants in head-on business competition. Choose the amount of advertising, how many units to produce, etc. and watch the results. Strikes and economic changes make this educational game even more realistic.

Meteor Multiplication[2]
A "meteor shower" threatens a star station. You help the star station defend itself against each of the meteors, which bear multiplication problems, by firing a cannon loaded with the correct answer.

Minus Mission[2]
A robot defends its territory from the "creeping slime". Blobs of slime carrying subtraction problems can be destroyed only if you provide the robot with the correct answers.
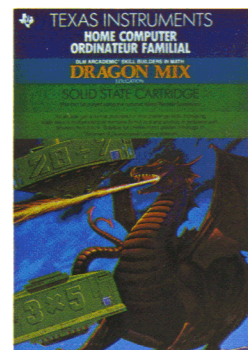
Dragon mix[2]
The vigilant dragon stands guard, but the enemies of the city are advancing. The fire-breathing dragon can defend the city only when you rapidly match the correct answers to the multiplication and division problems which the invaders carry.
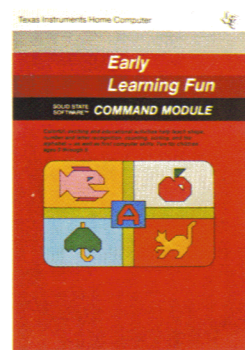
Early Learning Fun (Pre-school)
Helps teach shapes, number and letter recognition, counting, sorting, and the alphabet— as well as teaching first computer skills.
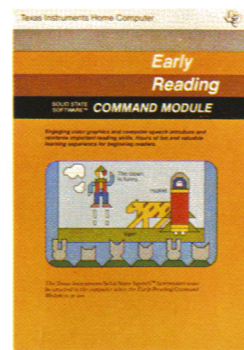
Early Reading[1]
Engaging colour graphics and computer speech introduce and reinforce important reading skills. Great learning experience and fun for beginning readers. Also suited for beginners of English language.
Speech Synthesizer required.
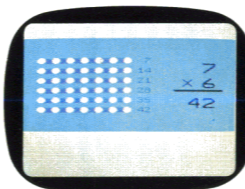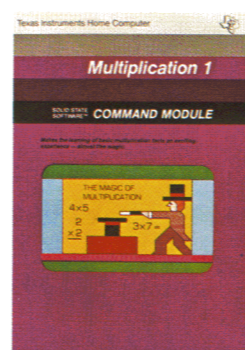
Multiplication 1[1]
Colour graphics and sounds are used in a combination of tutorials and drill. The cartridge covers the meaning of multiplication and basic facts of multiplication. Extra help is automatically provided if the user does poorly in the practice sessions.
For ages 8 to 11.

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.
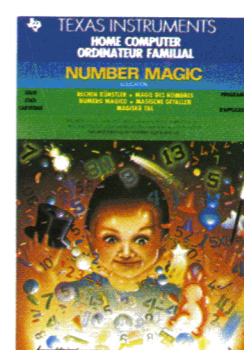
Number Magic
An exciting maths-education program. Provides valuable enrichment, drill and practice in basic mathematics–with exciting full-colour displays and sound. Rewarding fun and learning for children ages 6 and up.

1) Developed in conjunction with Scott Foresman.
2) Trademark of Development Learning Materials.
3) Developed by Addison-Wesley Publishing Company.

1) Developed in conjunction with Scott, Foresman.
2) Trademark of Development Learning Materials.
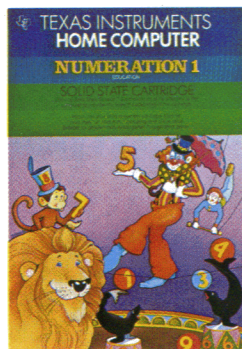
Numeration I[1]

Designed for children 5 to 7 years, old, this cartridge introduces basic number concepts including grouping, greater than, less than, and place value through the use of some tutorial examples.
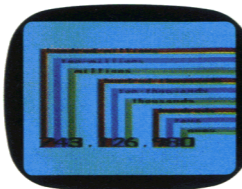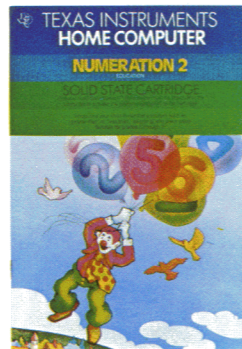
Numeration II[1]

Children aged 7 to 10 years can use this cartridge to learn more about basic maths facts introduced in Numeration I, the addition of number rounding and the expansion of some of the basic concepts learned in the previous package. This program also includes tutorial examples.
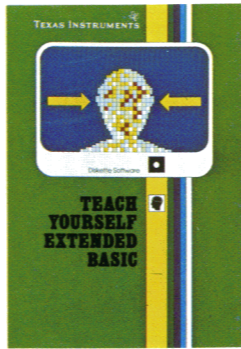
Teach Yourself Extended BASIC

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 module.
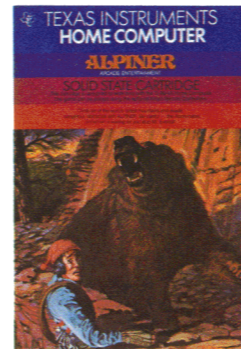
Alpiner

This game for one or two players is a "climbing" game of skill and challenge. There is a total of six mountains that one can climb: Hood, Matterhorn, Kenya, McKinley, Garmo and Everest, Climber must face different animal hazards, including lions, bears and skunks.
They must also face natural hazards such as rockfalls, forest fires and avalanches.
Speech Synthesizer recommended.
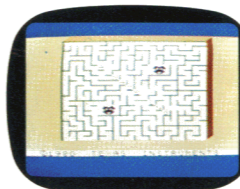
A-Maze-Ing

If you like mazes, you will love A-Maze-Ing. Different options gives users a variety of maze situations. From simple mazes to a cat-and-mouse chase situation. Thirteen options with a total of 5200 different variations are possible.
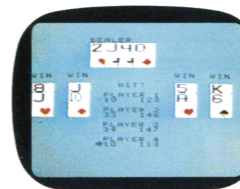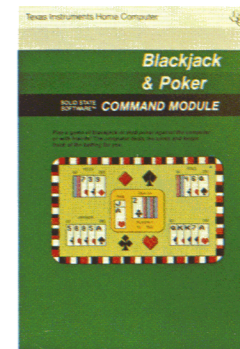
Blackjack and Poker[3]

These computer-simulated card games allow betting with a sum of money you only wish you had. Up to four players can play these popular card games. For ages 10 and older.
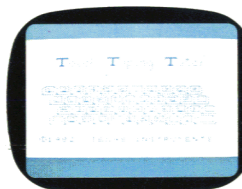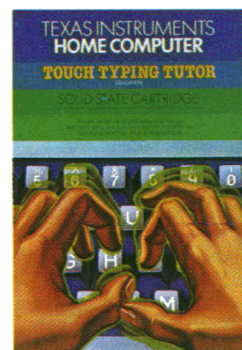
Touch Typing Tutor

Teaches touch typing on the TI-99/4A Home Computer keyboard.
Measures and improves typing speed and selects appropriate exercises.

TI LOGO II

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 at the Massachussets 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! Logo II has music capability, larger sprites, twice the memory capacity and added programming features of Logo I. Requires RAM Expansion Memory.

NEW EDUCATIONAL SOFTWARE FOR SECOND HALF OF 1983

Word Radar[2]

A challenging memory and discrimination skills building game. Fast, colourful and exciting. Puts you in the control tower from where you scan and match words that appear briefly in four quadrants.

Word Invasion[2]
Early Logo Learning Fun
Hide & Seek*
Number Gulper*

Math Tester 1*
Math Tester 2*
Physics Tester*
Chemistry Tester*
Biology Tester*
Human Biology Tester*
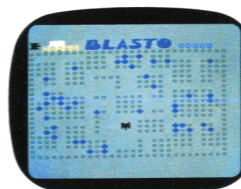
Blasto[3]

A one or two players tank battle game. Aim to destroy a field of mines while avoiding your opponent's fire. Fastpaced race against the clock to hit the most mines. But don't hit the mines at close range or you'll have to start again.
Great game for ages 10 and older.
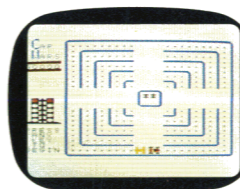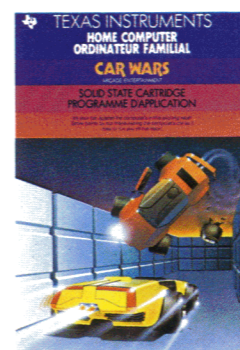
Car Wars

Enjoy the excitement of high-speed racing, combined with the challenge of out-manoeuvring a canny opponent. 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.
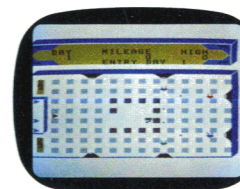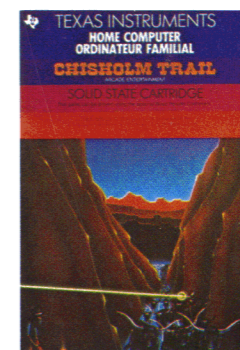
Chisholm Trail

This fast-moving game requires the user to move a "steer" through the maze on the screen in order to kill four "brand" monsters and one very special monster, the "wrangler".

1) Developed in conjunction with Scott, Foresman.
2) Trademark of Development Learning Materials

* See page 16-17 for details

3) Developed by Milton Bradley Company.
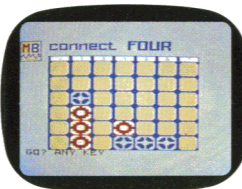
Connect Four[3]

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

Hangman[3]

Players try to figure out the mystery word. Each wrong guess brings you closer to the gallows. Use 200 pre-programmed English words or create 60 of your own. For ages 6 and up.
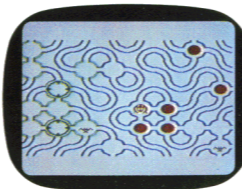
Hunt the Wumpus

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 ensure the completion of this dangerous mission. Twelve increasing levels of difficulty makes this a challenging game for all ages.
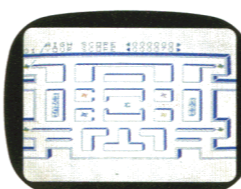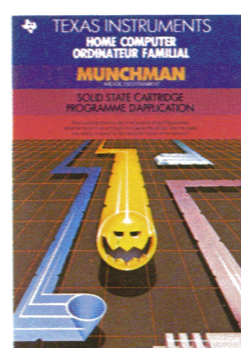
Munch Man

Manoeuvre the Munch Man through a maze and try to reach an energizer before being devoured by the four Hoonos who are in hot pursuit. Score points by connecting the passages with a continuous chain or capturing the cunning Hoonos while the Munch Man is energized.

Othello[4]

This ancient strategy game will stretch even the most advanced players. An exciting board game that takes only moments to learn but a lifetime to master. For strategists of all ages.
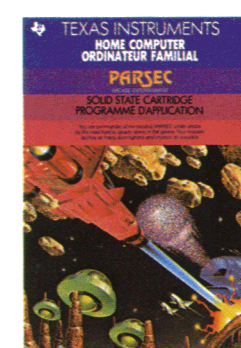
Parsec

Battle a variety of alien attack ships as you lead your space-squadron in defense of a distant outpost. The alien ships get harder to destroy as you travel further into space. A fast moving space game.
Speech Synthesizer recommended.
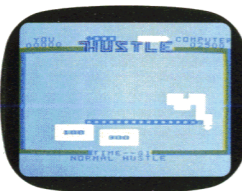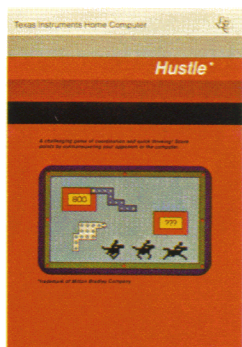
Hustle[3]

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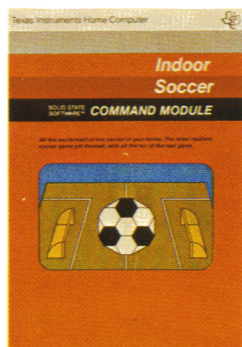
Indoor Soccer

Computer version of fast-paced five-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 aged 8 and older.
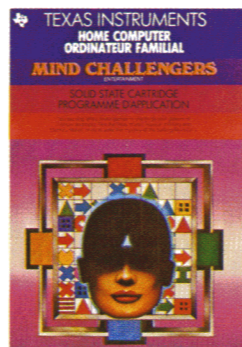
Mind Challengers

Two challenging games are included in this package. Game I challenges the player(s) to echo a sequence of notes (up to 64 notes). Game II is a codebreaking game using shapes and colours.
For ages 10 and up.

The Attack[3]

Play the commander of a ship in a region of space infested by "spores" and "aliens" which must be destroyed. Manoeuvre your ship to avoid the aliens and fire missiles to destroy the enemy. For the entire family.
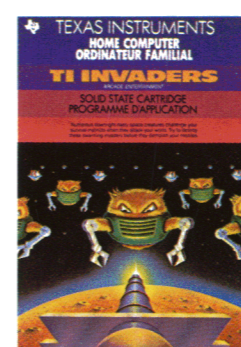
TI Invaders

Your world is under attack by numerous nasty creatures from space. You must use your wits and quick movements in this one-player game to destroy the multicoloured creatures with your missiles.

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 only two things— tumbleweeds and people. You and your security force of prairie schooners try to stop the "morgs" before they infest the earth.

3) Developed by Milton Bradley Company.
3) Developed by Milton Bradley Company.
4) Developed by CBS Toys.
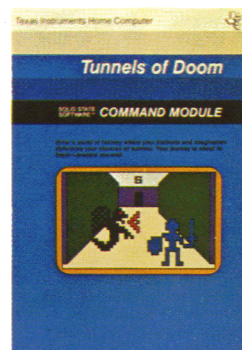
Tunnels of Doom

Enter world of fantasy, fight countless monsters, gather treasure and save the king. Tunnels of Doom includes two games: "Quest for the King" and "Pennies and Prizes".
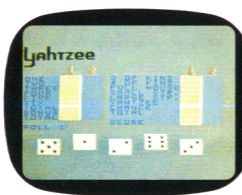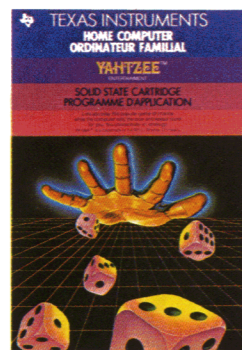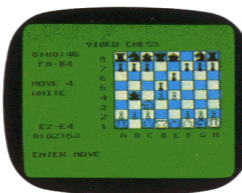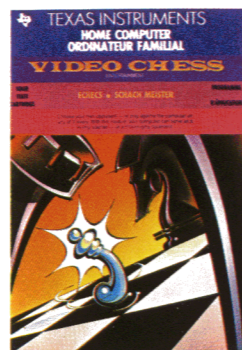
Video Chess

This powerful but 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.

Video Games I

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

NEW HOME ENTERTAINMENT SOFTWARE FOR SECOND HALF OF 1983

Moonmine

Moonmine offers an adventurous space journey loaded with dangerous thrills. You captain a moon mobile with the mission to capture treasures stolen from earth. Arcade style. Speech synthesiser recommended.

Sneggit

Save the eggs. Hungry snakes are in the barnyard devouring eggs by the dozen. You must survive reptilian attack and save as many eggs as possible.

Munch Mobil

Munch mobile is not your average car. It has arms with which you can pick items along the way... but watch your fuel level. Arcade style game.

MASH

Airlift soldiers mounted on a battlefield to the 4077 MASH unit. Time is running out and you must operate to save the wounded. A hawk's eye and steady hand will help you sew up the highest score. MASH is manufactured under license from Fox Video Games Inc.

Choplifter™

Players command a daredevil rescue mission flying a helicopter through enemy jet fighters, air mines, missiles and tank fire. A great hit from Broderbund Software.

Demon attack

Micro surgeon

Jawbreaker

Scrabble*

Chess Trainer*

Home Financial Decisions

Helps you make informed decisions regarding general loans, home and car buying, and personal savings. Instant 'what-if' analysis provides the key to better decision making.

Household Budget Management

Helps set budget guidelines, track income and expenses, sport problem areas and keep easily accessible records. Set up a budget system to coordinate your income and expenses— month by month, category by category. Compare your actual income and expenses to previously projected figures to help find problem areas. Also provides instant graphics analysis and tables.

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, etc. Also provides quick and easy "look up" procedures.

Yahtzee[3]

This exciting dice game combines strategy and chance. Players build points by rolling certain numbers combinations. Ages 8 and up.

Adventure[5]

With the Adventure module and one of the many cassette-based games developed by Adventure International you can experience many different adventures without leaving the comfort of your home. Each game challenges your powers of logical reasoning and many require hours, or even weeks, to complete. Pirate Adventure game on cassette included in this package.
The following Adventure games developed by Adventure International are available and may be used with the Adventure Module:

Adventure Titles available:

- The Count
- Strange Odyssey
- Mystery Fun House
- Pyramid of Doom
- Ghost Town
- Savage Island I and III
- Golden Voyage
- Woodoo Castle
- Mission impossible
- Adventureland

Oldies But Goodies – Games I

A total of five exciting games: Word Scramble, Number Scramble, Noughts and Crosses, Biorhythm and Factor Foe. Exciting action for one or two players. For all ages.

Oldies But Goodies – Games II

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

Microsoft[6], Multiplan[6] Electronic Worksheet

Microsoft[6], Multiplan[6], Electronic Worksheet is a personal productivity tool that will help you analyze data and make simulations. As an aid for both business and personal needs, Multiplan is one of the most powerful modeling and planning tools ever invented. Multiplan allows you to perform typical spread sheet calculations. Multiplan is easy to learn and versatile. You'll be surprised at how quickly and efficiently you'll accomplish various tasks.
Requires RAM Expansion plus Disk System.

Personal Financial Aids

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

Personal Record Keeping

Create, maintain and utilise 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.

3) Developed by Milton Bradley Company.
5) Developed by Scott Adams.
TM Trademark of Broderbund Software

*See pages 16-17 for details

6) Trademark of Microsoft.
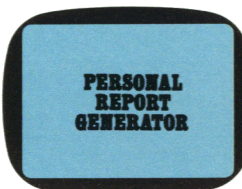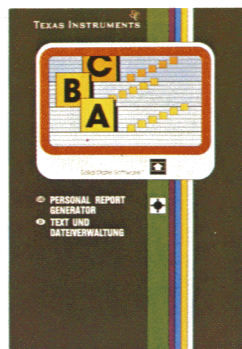
Personal Report Generator

Create, edit and print standard letters and reports using data from a file created with Personal Record Keeping or Statistics cartridge. Ideal for clubs and societies.
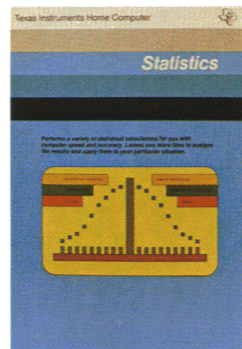
Statistics

Performs a variety of statistical calculations for you with computer speed and accuracy. Leaves you more time to analyse the results and apply them to your particular situation. Can also be used to analyse data from Personal Record Keeping cartridge.

Includes descriptive statistics, correlation, linear regression analysis and other inferential statistical evaluations.

TI Writer

The TI Writer word-processing package was designed to provide many of the features of larger and more complex word-processing systems for users of the TI-99/4A. Text editing and formatting include features such as insertion and deletion of text and lines, auto-matic paragraph indentation, right margin justification, automatic word wrapping, overstriking and underlining, moving and copying text and document reformatting. User can create, edit, save and print documents with the text-editor option either word-wrap or fixed mode-word-wrap mode for documents in paragraph form, fixed mode for charts, tables, etc.

Documents can be printed directly from the text-editor option, or text-formatting commands can be inserted into the document, stored on disk and printed with the text-for-matter option.

Requires RAM Expansion plus Disk System.

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.

Programming Aids III

Provides a useful tool for experienced programmers who want to cross-reference a list of variables, arrays, key-words, functions and line number reference. Resequencing, deletion of program parts and the merging of a sequence of codes are also made possible.
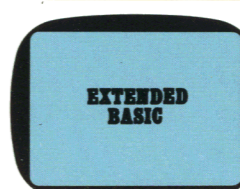
Extended BASIC

Programming language compatible with TI-99/4A BASIC with the following feature enhancements: multistatement lines, IF-THEN-ELSE statements, direct screen accessing, output formatting with "using" clause, BASIC sub-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.).

NEW HOME MANAGEMENT SOFTWARE FOR SECOND HALF OF 1983.

TI-Calc*

Record Keeper Pack*

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 file merge program, making this package an essential programming tool.
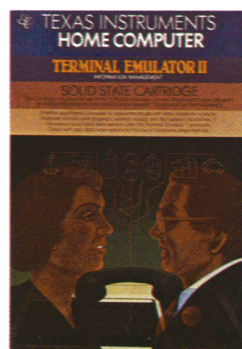
Terminal Emulator II

Links your Home Computer to the tele-communications world— accessing subscrip-tion data services and time-sharing computer systems (subject to national PTT regulations). File transfers with error definition, improved keyboard interface; ability to handle colour, speech, sound and graphics; access of text-to-speech from user-written programs are just some of the features included.
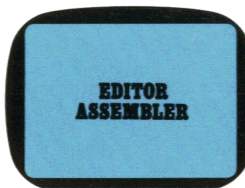
Editor Assembler

Allows the user to program the TI-99/4A in TMS9900 Assembler language. Enables direct access to all system features, including sound, speech, graphics and I/O as well as providing the fastest speed possible from the computer's 16-bit microprocessor. Assembly-language routines may be run either as stand-alone programs or linked into TI Basic or TI Extended Basic programs through the use of a subroutine call. The package includes two floppy diskettes and an owner's manual providing extensive documentation of the software's architecture. Also included in the package is the source and object code for an interactive assembly-language debugger. This package can also execute assembly-language programs.

Requires RAM Extension plus Disk System.

Mini Memory

This cartridge provides additional memory for your system as well as important tools for program development. The cartridge also contains a built-in battery, permitting the programs and data stored in the cartridge's random-access memory to be retained when the computer console is turned off, even if the cartridge is removed from the console. The module has a total of 14K bytes of memory, i.e. 6K bytes of graphics read-only memory (GROM), 4K bytes of read-only memory (ROM), 4K bytes of random-access memory (RAM). Besides this 4-K byte RAM file in the cartridge itself, the RAM expansion card, if attached, can be used by TI-Basic programs when the Mini Memory cartridge is inserted. Other features include additional file-handling capabilities, enabling TI-Basic sub-programs, a resident debugging program and a line-by-line assembler and line-drawing program.
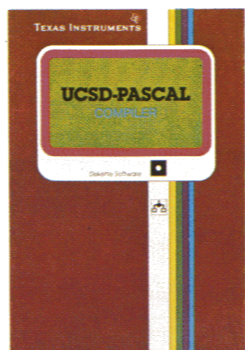
UCSD Pascal[7]

UCSD Pascal (version IV.0) programs developed for other computers can be run on the TI-99/4A with little, if any, modification using the P-code interpreter card, and programs developed for the Home Computer can be run on other computers, often with no modification, through the use of the P-code compiler.

Requires RAM Extension Disk System plus P-code card.

1. UCSD Pascal: Compiler

This program enables you to compile Pascal programs into P-code (pseudo code). These P-codes are then translated by pseudo-machine interpreter in the P-code card.

2. UCSD Pascal: Assembler/Linker

Enables the user to develop TMS9900 assembly-language programs through the P-System.

3. UCSD Pascal: Editor/Filer/Utilities

Used for screen editing and file management for the P-System.

NEW COMPUTER LITERACY SOFTWARE FOR SECOND HALF OF 1983

Starter Pack 1*
Starter Pack 2*
Game Writer Pack 1*
Game Writer Pack 2*

7) USCD Pascal and UCSD-P System are trademarks of Regent University of California.

*See pages 16-17 for details

GENERAL INFORMATION

There are a number of independent companies who provide software for the TI-99/4A Home Computer. The list is growing all the time, the principle UK distributors are:

STAINLESS SOFTWARE
10 Alstone Road
Stockport
CHESHIRE SK4 5AH

APEX TRADING
115 Crescent Drive South
BRIGHTON BN2 6SB

VIDEO PALACE
62-64 High Street
Kensington
LONDON SW3

Details of the software available from these companies can be obtained by writing to them and asking for a software catalogue.

Note:

All independent software is the property of individuals or other companies and is not the property of Texas Instruments Ltd. Texas Instruments Ltd. makes no warranty what so ever regarding this software and cannot be held responsible for the contents nor the performance of independently produced packages.

Profit from writing software

If you want to profit from writing your own software and get into this fast moving market get in touch with us. Your programs may be good enough to be included in future books we plan to publish on the TI-99/4A, and if selected we will of course pay you. If your program is exceptional we may publish it as a software package and in this case payment will be greater.
Please send your program listing and preferably a copy on cassette (which will be returned to you) to:

TEXAS INSTRUMENTS
Marketing department
European Consumer Division
Manton Lane
BEDFORD

Books on computing and the TI-99/4A

You can learn more and get greater enjoyment quicker from your TI-99/4A by reading one or more of the following excellent books.

Title	Guide Price
• Understanding computer science	£ 4.50
• Programming basic with the TI Home Computer	£ 16.90
• TI users reference guide	£ 7.20
• Beginners basic	£ 6.20
• Texas programme book	£ 5.95
• Learning to use the TI-99/4A	£ 4.95
• Tantalising games for the TI-99/4A	£ 3.95
• Time lost	£ 4.95
• TI-99/4A favourite games explained	£ 9.25
Future publications:	
• Explorers guide to the TI-99/4A	£ 7.95
• Computer art and animation (using TI Logo)	£ 9.50

Full details of the books can be obtained by writing to the address shown below and asking for the Home Computer book list.

Also obtainable is the 99'ER magazine. This magazine is devoted to the TI-99/4A home computer, and is an independent American publication that appears each month. It contains many useful and interesting articles plus listing of software that you can just type in.

For further details on books and the 99'ER please write to:

TEXAS INSTRUMENTS LTD.
(ECD Books)
PO Box 50
Market Harborough
LEICS

TI Home Computer Users Club

Why not join the TI Home Computer Users Club. The club is completely independent of Texas Instruments, but is professionally run. Members are both experts and enthusiastic beginners. Many of whom contribute to the excellent quarterly newsletter. The club provides a forum for members to swap ideas and suggestions. One of the most important advantages of belonging to the club is the exclusive access to the TI Home software library. This library has many hundreds of cassette titles available at very low prices.

Further details on the TI Home Computer Users Club can be obtained by writing to:

TI Home Computer Users Club
PO Box 190
Maidenhead
BERKS

OTHER SOFTWARE (3rd party)

Texas Instruments continuously aims to expand the range of software for its home computer user with high quality titles. Not only are programmes developed internally but outside publishers of software are used to add to the Texas Instruments software Library. The list of these 3rd party software titles below illustrates some of the current offerings in this area.

Starter Pack 1
(Collins Educational)

The Starter Pack consists of a book of 128 pages introducing the first time user to the basic statements and commands of the TI-99/4A (**RUN, SAVE, OLD, GO TO, FOR-NEXT...**)* and a cassette including seven basic programs showing how graphics are done, sound, colour changes, or how to detect which key has been pressed.

** Plus some more advanced ones. **CALL HCHAR KEY.***

Starter Pack 2
(Collins Educational)

This second Starter Pack consists as the first one of a 128 pages book going into more advanced basic statements like **GOSUB, ON-GOSUB VAL, STR$, DIM/ OPTION** base and introducing the user to the art of program writing and planning like controlled "inputs", subroutines, variables handling. The cassette includes seven demonstration programs a character definition subroutine, a program to illustrate the use of arrays plus more on graphic and sound use.

Game Writer Pack 1
(Collins Educational)

The Game Writer Pack 1 is designed to teach the art and techniques of writing games on a computer. The book includes techniques about screen movement, shooting and hitting, mazes, guessing games, racing games, object control via keyboard or joysticks. The cassette consists of 6 basic programs illustrating these techniques and giving the proper instructions to the user.

Game Writer Pack 2
(Collins Educational)

The Game Writer Pack 2 as the first one consists of a book dealing with games of strategy with particular emphasis on the construction of routines to allow the computer to play intelligently. The programs on the cassette (noughts and crosses, pokerdice, masterminds, 3d battleship) are playable in themselves and will serve to demonstrate string slicing, bubble sorting, branching, memory searches and techniques for "decision making".

Chess Trainer
(Collins Educational)

The cassette includes 10 programs with detailed documentation to teach the moves, values and associated tactics of each of the pieces, leading to full game playing against human or computer opponents. In another program, the computer will play an intermediate strategy at a level which allows it to be beaten.
Chess trainer is a package designed for introducing the user to chess playing.

Record Keeper's Pack
(Collins Educational)

A guide to information management on the TI-99/4A. The book goes into details about the data storage and retrieval techniques and the cassette includes 4 programs demonstrating these techniques. Programs which can be used by the user to store and retrieve his own data.

TI-Calc
(Bond Associates Limited)

TI-Calc is a spreadsheet calculation cartridge. This cartridge runs on the stand-alone TI-99/4A using the 16K of internal memory to manipulate up to 6000 elements in a variable number of rows and colors.
It includes functions like insert/ delete for rows and columns, fix rows and columns, split screen. It allows all the mathematical calculations supported by the TI-99/4A and the printing of standard reports pre-defined by the user. Data can be saved on cassette or disk or any other storage system available for the TI-99/4A.

Scrabble
(Little Genius Limited)*

The real boardgame Scrabble has been adapted as a cartridge to run on the TI-99/4A. It allows up to 4 players, up to 3 of them can be simulated by the computer which has an English vocabulary of 7000 words plus their extensions making the TI-99/4A a tough opponent. No peripherals are required to play this game on the TI-99/4A.

** Scrabble is the Registered Trademark of Scrabble Schutzrechte und Handels Gmbh (a J.W. Spear & Sons PLC subsidiary).
Computer Scrabble programs are licensed exclusively by Little Genius Ltd.
The original computer Scrabble program was written by Dr. Peter Turc of Turcan Research Systems Ltd. as part of PhD research study into word structures and their analysis, through 1979/1982.*

Hide & Seek
(Applied System Knowledge Limited)

The games in Hide & Seek are designed to develop short-term memory and other skills important for learning to read.
In "Hide it" and "Seek it", objects are put into boxes which then close, and you have to remember where the different objects are hidden. There are lots of different objects, making it enjoyable for children of all ages. Another variation of this educational game is "What is missing"?

Number Gulper
(Applied System Knowledge Limited).

Number Gulper is a program which encourages children to practise number skills - addition, substraction, multiplication and division - in an interactive game. The player is asked to build numbers using only those displayed on the screen. As there are fifteen different levels in the game, children of all abilities can enjoy a challenge using it. At the upper levels, to add to the challenge, interfering scramblers appear which have to be avoided.
The game can be played using either a joystick or the keyboard controls.

The following programs are from **Ivan Berg** and all consists of a series of 2 cassettes: one containing the program, the other one all the data. The programme contents are ideal for students approaching GCE 'O' level standard. (Age group 12-16 years).

Maths Tester 1
(Ivan Berg Software)

This program deals with Arithmetics, Algebra, Geometry, Vectors, Trigonometry. It is a revision program.

Maths Tester 2
(Ivan Berg Software)

This program deals with Arithmetics, Equations, Progressions, functions, Calculcus, Trigonometry.

Physics Tester
(Ivan Berg Software)

This program about physics revision deals with charge and circuits, Electricity and Magnetism, Electronics and Nucleonics, waves and sounds, light, matter, forces and motion.

Chemistry Tester
(Ivan Berg Software)

This program deals with the periodic table, structure binding and Energy, Redox reactions, Analy's organic Chemistry.

Biology Tester
(Ivan Berg Software)

The contents of this program is the nature, variety and functions of living Organism, including Nutrition, Respiration, Circulation, Excretion, Reproduction, the Nervous System, the Biology of the Environment.

Human Biology Tester
(Ivan Berg Software)

This consists of a revision of Nutrition, Respiration, Circulation, Excretion, Reproduction and the Nervous System.

REFERENCE CHART

EDUCATION / HOME ENTERTAINMENT

PRODUCT	Code	M-GB	M-D	M-F	M-I	M-NL	M-S	M-DK	M-E	S-GB	S-D	S-F	S-I	S-NL	S-S	S-DK	S-E
EDUCATION																	
ADDITION-SUBSTRACTION I	PHM3027	●								●							
ADDITION-SUBSTRACTION II	PHM3028	●								●							
ALIEN ADDITION	PHM3115	●	●	●	●	●			●	●	●	●	●	●			●
ALLIGATOR MIX	PHM3114	●	●	●	●	●			●	●	●	●	●	●			●
BEGINNER'S BASIC TUTOR	PHT6067	●	●	●	●	●	●	●		●	●	●	●	●	●	●	
BEGINNING GRAMMAR	PHM3003	●								●							
COMPUTER MATH GAMES	PHM3082/7	●	●							●	●	●	●	●			
DEMOLITION DIVISION	PHM3116	●	●						●	●	●	●	●	●			●
DIVISION I	PHM3049	●	●							●	●	●	●	●			
DRAGON MIX	PHM3117	●	●						●	●	●	●	●	●			●
EARLY LEARNING FUN	PHM3069	●	●	●	●	●			●	●	●	●	●	●			●
EARLY READING	PHM3015	●								●							
MARKET SIMULATION	PHT6018	●	●	●	●	●				●	●	●	●	●			
METEOR MULTIPLICATION	PHM3119	●	●						●	●	●	●	●	●			●
MINUS MISSION	PHM3118	●	●						●	●	●	●	●	●			●
MULTIPLICATION I	PHM3029	●								●	●	●	●	●			
MUSIC MAKER	PHM3020	●	●	●	●	●	●			●							
NUMBER MAGIC	PHM3004	●	●	●	●	●				●	●	●	●	●	●		
NUMERATION I	PHM3050	●								●							
NUMERATION II	PHM3051	●								●							
TEACH YOURSELF } EXTENDED BASIC	PHT6019	●	●	●	●	●	●	●		●	●	●	●	●			
TOUCH TYPING TUTOR	PHM3064	●								●							
TI-LOGO II	PHM3109	●	●	●	●	●				●	●	●	●	●			
HOME ENTERTAINMENT																	
ALPINER	PHM3056	●	●	●	●	●	●	●		●							●
A-MAZE-ING	PHM3030	●	●	●	●	●	●			●							
BLACKJACK AND POKER	PHM3033	●	●	●	●	●				●							
BLASTO	PHM3032	●	●	●	●	●	●			●							
CAR WARS	PHM3054	●	●	●	●	●	●			●							
CHISHOLM TRAIL	PHM3110	●	●	●	●	●	●	●		●							
CONNECT FOUR	PHM3038	●	●	●	●	●	●			●							
HANGMAN	PHM3037	●	●	●	●	●	●			●							
HUNT THE WUMPUS	PHM3023	●	●	●	●	●	●			●	●	●	●	●	●		
HUSTLE	PHM3034	●	●	●	●	●	●			●							
INDOOR SOCCER	PHM3024	●	●	●	●	●	●			●	●	●	●	●			
MIND CHALLENGERS	PHM3025	●	●	●	●	●	●			●	●	●					
MUNCH MAN	PHM3057	●	●	●	●	●	●			●							
OTHELLO	PHM3067	●	●	●	●	●				●							
PARSEC	PHM3112	●	●	●	●	●	●	●		●							
THE ATTACK	PHM3031	●	●	●	●	●	●			●							
TI-INVADERS	PHM3053	●	●	●	●	●	●			●							
TOMBSTONE CITY	PHM3052	●	●	●	●	●	●	●		●							
TUNNELS OF DOOM	PHM3042T	●								●							
VIDEO CHESS	PHM3008	●	●	●	●	●	●			●	●	●					
VIDEO GAMES I	PHM3018	●	●	●	●	●	●			●	●	●					
YAHTZEE	PHM3039	●	●	●	●	●	●			●							
ADVENTURE	PHM3041T	●								●							
OLDIES BUT GOODIES I	PHT6015	●	●	●	●	●				●	●	●	●	●			
OLDIES BUT GOODIES II	PHT6017	●	●	●	●	●				●	●	●	●	●			

REFERENCE CHART

HOME MANAGEMENT / PROGRAMMING LANGUAGES / OTHER SOFTWARE

PRODUCT	Code	M-GB	M-D	M-F	M-I	M-NL	M-S	M-DK	M-E	S-GB	S-D	S-F	S-I	S-NL	S-S	S-DK	S-E
HOME MANAGEMENT																	
HOME FINANCIAL DECISIONS	PHM3006	●								●							
HOUSEHOLD BUDGET } MANAGEMENT	PHM3007	●								●							
MAILING LIST	PHD5001	●	●	●	●	●				●	●	●	●	●			
MICROSOFT MULTIPLAN	PHM3113	●	●	●	●	●				●	●	●	●	●			
PERSONAL FINANCIAL AIDS	PHT6003	●	●	●	●	●				●	●	●	●	●			
PERSONAL RECORD KEEPING	PHM3013	●	●	●	●	●	●			●	●	●	●	●	●		
PERSONAL REPORT } GENERATOR	PHM3034	●	●	●	●	●	●			●	●	●	●	●	●		
STATISTICS	PHM3014	●	●							●	●						
TI-WRITER	PHM3111	●	●	●	●					●	●	●	●				
PROGRAMMING LANGUAGES																	
EDITOR ASSEMBLER	PHM3055	●								●							
EXTENDED BASIC	PHM3076	●	●	●						●							
MINI MEMORY	PHM3058	●								●							
PROGRAMMING AIDS I	PHT6006	●	●	●	●	●				●	●	●	●	●			
PROGRAMMING AIDS II	PHD5005	●	●		●	●				●	●		●	●			
PROGRAMMING AIDS III	PHD5012	●	●		●	●				●	●			●			
TERMINAL EMULATOR II	PHM3035	●	●	●	●	●				●							
UCSD PASCAL COMPILER	PHD5063	●								●							
UCSD PASCAL LINKER	PHD5064	●								●							
UCSD PASCAL EDITOR	PHD5065	●								●							
OTHER SOFTWARE (3rd party)																	
TI-CALC	PHM3213	●	●	●	●					●	●	●	●				
SCRABBLE	PHM3212	●	●	●						●	●	●					
NUMBER GULPER	PHM3214	●	●	●						●	●	●					
STARTER PACK 1	PHT6116	●	●	●						●	●	●					
STARTER PACK 2	PHT6117	●	●	●						●	●	●					
GAME WRITER PACK 1	PHT6118	●	●	●						●	●	●					
GAME WRITER PACK 2	PHT6119	●	●	●						●	●	●					
CHESS TRAINER	PHT6120	●	●	●						●	●	●					
RECORD KEEPER'S PACK	PHT6121	●	●	●						●	●	●					
MATHS TESTER I	PHT6109	●	●	●						●	●	●					
MATHS TESTER II	PHT6110	●	●	●						●	●	●					
PHYSICS TESTER	PHT6111	●	●	●						●	●	●					
CHEMISTRY TESTER	PHT6112	●	●	●						●	●	●					
BIOLOGY TESTER	PHT6113	●	●	●						●	●	●					
HUMAN BIOLOGY TESTER	PHT6114	●	●	●						●	●	●					
HIDE AND SEEK	PHM3215	●	●	●	●	●	●			●	●	●	●	●	●		

NEW TITLES FOR SECOND HALF OF 1983

PRODUCT	CODE	PRODUCT	CODE
WORD RADAR	PHM3185	MASH	PHM3158
WORD INVASION	PHM3169	DEMON ATTACK	PHM3219
EARLY LOGO LEARNING FUN	PHM3144	MICRO SURGEON	PHM3220
MOONMINE	PHM3131	JAW BREAKER	PHM3194
SNEGGIT	PHM3145	CHOPLIFTER	PHM3159
MUNCH MOBIL	PHM3140		