

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
2xy Algebra Helper	Cognitive Technologies Corporation 5009 Cloister Drive Rockville, MD 20852  301-581-9653	CD-ROM	WIN, (3.1, 95,98, 2000, NT) 7 - 12+	Guided practice for solving algebraic problems	\$79.95	This program assists students in working with and solving algebraic problems involving linear functions, quadratic equations, roots, domains, inequalities, and more. Students can enter their own problems, the software will provide hints on how to solve it and check the work step-by-step. The program has a library of built-in problems to help students practice problem-solving skills.
Access to Math	Don Johnston, Inc. 26799 W. Commerce Dr. Volo, IL 60073  800-999-4660	diskette	MAC  K - 6	Talking math worksheet	\$79.00	This talking math program allows students to work problems on-screen with learning support in the four basic operations and teachers to create on-screen worksheets. Program shows number borrowing and carrying as it would on paper. Includes Discover files for easy scanning access for students who do not use the mouse.
Algebra Assistant	MathXpert 2211 Lawson Lane Santa Clara, CA 95094  888-361-1001	CD-ROM	MAC/WIN  6 - 12	Tool for solving problems Guided practice for algebraic equations and graphs	\$94.95	In Algebra Assistant, students create solutions to problems by selecting the operation to perform at each step in solving a problem. The program performs the selected operation, displays the result in standard mathematical notation, and records the operation as a justification for that step. Students can work included problems, or type in their own. The program also includes a graphing tool.
Algebra Made Painless: Introduction to Solving Algebraic Word Problems	Educational Activities P.O. Box 392 Freeport, N.Y. 11520  800-645-3739	CD-ROM	MAC/WIN  6 - 12	Introduces tools and techniques to solve algebraic word problems Solve simple word problems	\$65.00	This program helps students learn how to translate English words and phrases into math symbols, write "let" statements, organize data, write equations, and solve number, consecutive integer and coin, stamp, and ticket problems. Each lesson has an introduction, practice questions, review and a quiz. A management system tracks student progress.
Algebra World	Cognitive Technologies Corporation 5009 Cloister Drive Rockville, MD 20852  301-581-9653	CD-ROM	MAC/WIN	Reviews key math concepts Color coding, animation, onscreen manipulatives	\$39.95	In Algebra World students work to master the topics: Expressions, Integers, Equations, Ratio, Proportions and Per Cents, and Geometry. Each topic has a series of detailed lessons designed to teach key mathematical concepts. Each section has an interesting application. Students test their understanding of each section through five challenges to find the hidden rocket and win.

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
AppleWorks 5 (formerly ClarisWorks)	Apple Computer, Inc. 1 Infinite Loop Cupertino, CA 95014  800-795-1000	CD-ROM	MAC/WIN  3 - 12+	Spreadsheet Integrated writing tool	\$99.00 Upgrade for Windows/ Mac \$49.95	AppleWorks integrates full-featured word processing and outlining, spreadsheets and charting, presentation, graphics, database, painting, and internet capabilities into one program. It contains a spell checker and has speech capability. New features include bookmarks for creating tables of contents, an equation editor, movies in the database, 101 templates and 14 assistants.
Big:Calc	Don Johnston, Inc. 26799 W. Commerce Dr. Volo, IL 60073  800-999-4660	diskette	MAC  K - 6	On-screen talking calculator	\$29.00	This talking Macintosh calculator program is designed specifically for people with learning, visual, and physical disabilities. Features: big, colorful number buttons and high-quality speech. Provides six calculator layouts for differing needs and changes in font size and color help those with poor figure ground discrimination.
Blocks in Motion	Don Johnston, Inc. 26799 W. Commerce Dr. Volo, IL 60073  800-999-4660		MAC/WIN  K - 8	Creative program for problem solving skills On-screen manipulation of objects	479.00 \$99.00 with materials	Blocks in Motion provides students drawing, painting, building and animating tools for creating block objects. They use blocks in the form of squares, triangles, circles, bars, and more to explore patterns, work with concepts like fractions, place value, or build mazes. graphs, objects and scenes. Students who have difficulty manipulating real objects can work in this point and click environment.
Boxer Introductory Algebra	Boxer Learning 105 W. Main Street Charlottesville, VA 22902  804-977-5900	CD-ROM	WIN  8 - 12	Tutorials on basic concepts with real world applications	\$195.00	Students approach basic algebra concepts at their own pace and in a variety of ways in Introductory Boxer Algebra. Each tutorial presents objectives, graphics, interactive questions and onscreen manipulatives. An expression evaluator guides students through the order of operations.
Carmen Sandiego Math Detective	Broderbund/Learning Company 500 Redwood Blvd. Novato, CA 94948  800-825-4420	CD-ROM	MAC/WIN  3 - 8	Adventure format Encourages cooperative problemsolving in engaging real life applications	\$49.95 6 station lab pack State Bid	In this math adventure with Carmen students write equations for word problems, explore geometry and map skills, practice estimation, create logical sequences, mentally solve equations, and work with patterns and shapes. They are introduced to 34 math strategies (estimating, extracting data, working backwards, simplifying equations) as they search for the 12 crystals.

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
Co:Writer 4000	Don Johnston, Inc. 26799 W. Commerce Dr. Volo, IL 60073  800-999-4660	CD-ROM	MAC/WIN  3 - 12+	Word prediction, spelling and grammar-smart word coach	\$325.00	Co:Writer 4000 is an intelligent word prediction program that operates in conjunction with word processors and other applications that require text entry. A spelling and grammar-smart word coach, it recognizes phonetic spelling. Ideal for one-finger typists, students with physical disabilities, learning disabilities, or for those who use alternate computer access.
Cognitive Tutor Algebra I	Carnegie Learning 372 N. Craig Street, Suite 101 Pittsburgh, PA 15213  412-683-MATH	CD-ROM includes complete curriculum materials	MAC/WIN  7 - 12	Integrated comprehensive curriculum Exemplary promising program	\$25,000 per site	In this research-based program students work in cooperative problem-solving activities three days a week in the classroom and on similar individual computer-based problems in a lab setting for two days. Students investigate and solve real-world problems. They link numeric, verbal, graphic and symbolic representations as they use math tools such as spreadsheets & calculators.
CrossScanner	RJ Cooper & Assoc. 24843 Del Prado #283 Dana Point, CA 92629  (714) 240-4853	diskette	MAC/WIN  PreK - 12+	Universal way to scan software	\$199.00	Universal way to run all non-adapted software by single switch or any pointing device. All operation is supervisor-controllable to fine tune CrossScanner to the needs of the user.
Cruncher, The 2.0	Knowledge Adventure 4100 West 190th St. Torrance, CA 90509  800-545-7677	CD-ROM	MAC/WIN  3 - 12	Easy to use spreadsheet with tutorials Will speak highlighted text	\$64.95	The Cruncher is a full-featured, student and teacher friendly spreadsheet that includes six easy tutorials. Students learn the basics of how to set up a spreadsheet, how to input and calculate data, and how to create charts and graphs for all areas of the curriculum. The program will speak highlighted word or number.
Destination Math: Mastering Algebra: Course 1	Riverdeep 125 CambridgePark Drive Cambridge, MA 02140  617-995-1000	CD-ROM  Online	MAC/WIN	Interactive curriculum based on real world problems	\$200.00 Single \$600.00 per year for 30 students	Students investigate the symbols and rules of algebra and how they represent relationships. They work in an interactive environment rich with graphics, animation, and tools as they use guided tutorials, step-by-step strategies for problem solving to learn the underlying concepts of topics and apply skills to solve real world problems.

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
eReader	CAST 39 Cross Street Peabody, MA 01960  888-858-9994	CD-ROM	MAC/WIN  ALL	Text Reader	\$199.00	eReader is a program that allows user to import text by typing or scanning, that then can be manipulated to the user's specific need to: -highlight and speak text from any source, including the internet -provide access to content for anyone in customized format
Fraction Operations	Tenth Planet/Sunburst 101 Castleton Street P. O. Box 100 Pleasantville, NY 10570  800-321-7511	CD-ROM	MAC/WIN  4 - 7	Real world representation of fractions Includes personal multimedia journal	\$99.95	Students use visual models to solve problems in meaningful situations that involve fractions. Lessons guide students through steps that identify least common denominators, equivalent fractions, adding, subtracting, multiplying and dividing fractions, and opportunities to explore concepts. They can record their findings in the journal pages, insert pictures of their work and add voice notes.
Graph Club, The	Tom Snyder Productions/Scholastic 80 Coolidge Hill Rd Watertown, MA 02472  www.tomsnyder.com	CD-ROM	MAC/WIN  K - 4	Interactive graphing tool	\$79.95 *\$128.37 5 station lab pack State Bid	The Graph Club provides a highly interactive environment to help students make the transition from graphing with manipulatives to graphing in the abstract and see the same data represented in different ways. They can work in teams to explore, match, creat and print picture, bar, circle or line graphs. A text box encourages them to write about their graphs.
How the West Was One + Three x Four	Sunburst 101 Castleton Street P. O. Box 100 Pleasantville, NY 10570  800-321-7511	CD-ROM	MAC/WIN  4 - 8	Motivating practice in order of operations	\$99.95 single or lab pack of ten	Students race through the Old West down the Number Line Trail as they strengthen their skills with numbers and operations and the order of operations. A newer program, "The Great Signed Number Race" adds negative and positive numbers to their number skills practice.
HyperStudio	Knowledge Adventure 4100 West 190th St. Torrance, CA 90509 (formerly Roger Wagner)  800-545-7677	CD-ROM	MAC/WIN  K - 12+	Multimedia authoring and presentation tool	\$119.95 \$132.57 2 station teacher edition State Bid	This multimedia authoring program can be used by both students and teachers for reports, presentations, research projects. It incorporates graphics, sounds, text, video(live or QuickTime movies and VR and the Internet. It can control laserdisc players and audio CDs. A special function programs scanning for switch input. (graphics at <a href="http://pics.tech4learning.com/pics/index.htm">http://pics.tech4learning.com/pics/index.htm</a> )

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
Inspiration	Inspiration Software 7412 SW Beaver on Hillsdale, Suite 102 Portland, OR 97225  800-877-4292	CD-ROM	MAC/WIN  3 - 12+	Visual thinking and learning tool	\$75.53 \$226.62 5 station lab pack State Bid	A computer tool for lesson planning, webbing, and concept mapping. Students can use it to create presentation visuals, outlines, stories, and reports. Program features: 200,000 word spell checker—find or replace features; print preview for both views; print full size or auto fit-to-print to a specified number of pages; import/export diagrams, graphics and outlines.
IntelliMathics	IntelliTools, Inc. 55 Leveroni Ct, Suite 9 Novato, CA 94949  800-899-6687	CD-ROM	MAC/WIN  K - 6	On-screen math manipulatives Interactive, talking, problem-solving tool	\$139.95	IntelliMathics is an interactive, talking, problem solving tool for on-screen math manipulatives. It includes Sorting Bins and Ven Hoops, Counting Boxes, Attribute Blocks, Fraction Bars, Base Ten Blocks, Decimal Grid, Geoboards, Coins, Dice and Spinners. There are 50+ templates for teachers to customize and modify or they can create activities from scratch.
IntelliTalk II	IntelliTools, Inc. 55 Leveroni Ct, Suite 9 Novato, CA 94949  800-899-6687	CD-ROM	MAC/WIN  K - 12+	Talking word processor Writing tool	\$139.95 \$112.00 State Bid	IntelliTalk II is a dynamic talking word processor designed to work alone or with the IntelliKeys keyboard. Students can use on-screen palettes as word banks or prompts, do worksheets with locked text, and reinforce letter and word recognition through the talking spell checker. Built-in scanning provides switch access.
Logical Journey of the Zoombinis	Broderbund//The Learning Company 500 Redwood Blvd. Novato, CA 94948  800-825-4420	CD-ROM	MAC/WIN  3 - 8	Engaging logic puzzles require critical thinking skills	\$59.95	Students use critical thinking and math problem-solving skills as they help the Zoombinis escape to a new homeland after being taken over by a greedy band of Bloats. They must solve 12 multileveled puzzles which require seeing relationships among attributes, finding patterns, sorting, matching, graphing, grouping and organizing and deductive reasoning.
Math for the Real World	Knowledge Adventure 4100 West 190th St. Torrance, CA 90509  800-545-7677	CD-ROM	MAC/WIN  3 - 12	Simulates engaging real world application of math for problem solving	\$79.95 \$110.80 5 station lab pack State Bid	Students solve practical, real-life problems as they travel the country with an up-and-coming rock band to seek fame and success. They earn money to create a video by solving problems involving time, money, fractions, logic, charts, and more. The program includes an onscreen calculator and a reference section which provides an explanation of how to solve each type of problem.

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
Math Trek 7, 8, 9	NECTAR Foundation 10 Bowhill Ave., Nepean, Ontario, CANADA K2E 6S7  613- 224-3031	CD-ROM	MAC/WIN  7 - 9	Interactive courseware Tutorial	\$99.00 one module \$395.00 six modules	This program helps students learn basic mathematics concepts. Lessons are followed by activities, applications, and tests. Students have access to a calculator and journal. The series includes Whole Numbers & Decimals, Fractions, Integers and Percents, Graphing, Geometry, and Algebra each with its own management system. A comprehensive teacher's manual includes strategies, line masters, lessons, games, puzzles.
Math Word Problems	Optimum Resources, Inc. 5 Hiltech Lane Hilton Head, SC 29926  803-689-8000	CD-ROM	MAC/WIN  3 - 9	High interest, practical word problem practice	\$41.95	This series provides a great variety of high interest, practical word problems with six levels of difficulty, an add-your-own problem section, and an optional student report card option. Titles include: Careers, Money, Sports and Travel. Each program contains 350+ problems which may be tailored for level of difficulty and type of operation presented.
Math Workshop Deluxe	Learning Company 500 Redwood Blvd. Novato, CA 94948  800-825-4420	CD-ROM Hybrid	MAC/WIN  K - 7	Highly motivating Practice and improve math skills	\$9.95	Students practice math skills in a creative environment filled with games, music, animated characters. Practice areas include: addition, subtraction, multiplication, division, equivalencies, estimating, fractions, pattern recognition, spatial orientation, shape recognition, scale, symmetry, and problem solving. Seven activities include multi-levels of difficulty.
MathPad MathPad Plus	IntelliTools, Inc. 55 Leveroni Ct, Suite 9 Novato, CA 94949  510-528-0670	disk	MAC/WIN  K - 6	On-screen math tool Guides students through problems	\$79.95 Math Pad \$99.95 Math Pad Plus	MathPad allows students to do basic arithmetic problems directly on the computer in correct vertical format. It can be accessed directly from the keyboard, switch, or Intellikeys. MathPad Plus handles fractions and decimals. Fraction rods, pies, or decimal grids can be manipulated on screen.
Mighty Math Astro Algebra	Edmark/Riverdeep Attn: Customer Service P.O. Box 97021 Redmond, WA 98073-9721  800-691-2986	CD-ROM	MAC/WIN  7 - 10	Learn & practice concepts Onscreen tools and manipulatives	\$69.95 \$101.80 6 station lab pack State Bid	Students sign in as spaceship captains and apply algebraic concepts to solve 92 missions that increase in difficulty. Special features include: Data Viewer (numbers, tables and facts for problem completion), Astronet (a simulated internet for review), Virtual Manipulatives, and Calculator (illustrates and provides step-by-step solutions.) Program adjusts and tracks.

## Software to Support Algebraic Strand, Sunshine State Standards

Software program:	Company address/ Phone:	Format:	Platform/ Grade level:	Key Feature	Price:	Description:
PrimeTime Math	Tom Snyder Productions 80 Coolidge Hill Road Watertown, MA 02472  800-342-0236	CD-ROM	MAC/WIN  4 - 9	Uses anchored instruction, real situations, and cooperative learning for problem solving	\$79.95 each title	In this series students watch an engaging video, record data, read, write, and calculate, and cooperative to solve the problems presented in each title. Titles include Adrift! (Maps & Geometry), Lost!(Decimals & Geometry), Cliffbound (Fractions & Ratios), Stakeout! (Statistics & Graphs), Emergency! ( Measurement & Rates), Fire! (Formulas & Triangles)
Schoolhouse Rock: Math Rock	Learning Company 500 Redwood Blvd. Novato, CA 94948  800-825-4420	CD-ROM	MAC/WIN  1 - 6	Learn & practice math skills with music	\$39.95 each \$36.32 State Bid	Fundamental math concepts and skills are reinforced on these two CD-ROMs which use the original Schoolhouse Rock math videos, songs, interactive games to engage students in learning. Instructions are often given in text and audio.
StudyWorks for Schools Mathematics	MathSoft, Inc. 101 Main Street Cambridge,MA 02142  800-628-4223	CD-ROM	MAC WIN  7-12+	An integrated productivity tool which provides powerful onscreen worksheet	\$99.95 school \$49.95 home	StudyWorks! contains a full-screen graphing calculator and math-smart word processor for students to write equations, perform calculations, add text, complete and check solutions to math problems, print out great-looking homework papers and reports. It includes standard formulas, essential statistics, helpful descriptions, and sample problems.
Understanding Math	Neufeld Learning Systems, Inc. 7 Conifer Cres. London, Ontaria Canada N6K2V3  519-657-9334	CD-ROM	MAC/WIN  4 - 10	Highly interactive, step-by-step development of concepts	\$59.95 per title \$349.95 for series of 8 titles	In this series students engage in interactive activities to learn math concepts in simple, mathematically correct language with onscreen manipulatives. Titles include: Fractions, Integers, Exponents, Algebra, Equations, Graphing, Percent, Probability, Measurement and Geometry. Each topic contains concept, example, practice, and tests with tracking.
Write:OutLoud	Don Johnston, Inc. 26799 W. Commerce Dr. Volo,IL 60073  800-999-4660	CD-ROM	MAC/WIN  1 - 12+	Talking word processor	\$99.00	Write:OutLoud is an easy-to-use talking word processor, which speaks letters, words, sentences and paragraphs. The program highlights as it speaks. Students can create of import text files, choose font or background color, pick from a variety of voices, add graphics, or check their spelling. Auditory feedback helps to increase writing, independence, proof-reading efficiency, comprehension.