

PRECALCULUS

Precalculus includes a wide variety of topics drawn from algebra, geometry, and trigonometry that pave the way for studying calculus. Now you can master this demanding course quickly and easily with this set of 4 DVD's. The ultimate resource for high school students, college students, and adult learners, this program covers the standard topics taught in precalculus and college algebra classes and is filled with practice questions and strategies for tackling even the most challenging problems. This precalculus set covers functions and graphs, analytic geometry: the conic sections, polynomial equations, systems of equations, matrices, determinants, exponential and logarithmic functions, inverse trigonometric functions, and polar coordinates. Now it is easier than ever to overcome math anxiety, earn good grades or relearn forgotten mathematics--all with your own private teacher. Run time is approximately 8 hours and 38 minutes.

OVA 1795 Series of 4 DVD's\$199.95



ACT MATH REVIEW

This 120-minute video covers all the math areas tested on the exam: Pre-algebra, Elementary Algebra, Intermediate Algebra, Coordinate Geometry, Plane Geometry, and Trigonometry. It's easy to study for this difficult test with this video program. A study guide is included.

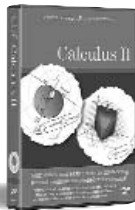


OVA 413\$39.95

SAT MATH

The SAT may well be one of the most pivotal events of your academic career. In the few hours you spend taking the exam your hopes of getting into the college of your choice could be realized--or dashed. It's easy to feel overwhelmed by the pressure--but don't worry. This series of 6 DVD's gives you all the tools and techniques you need so you can become a savvy SAT-taker and maximize your score. Work along with a master teacher and SAT expert for extensive practice covering every section of the exam. Along the way, he'll reveal insider secrets about what the test-makers are looking for--and foolproof strategies for avoiding those exasperating traps that every SAT contains. Many of the questions on the Math sections of the SAT can seem like genuine brain teasers that require sophisticated problem-solving skills. To succeed, you must combine your knowledge of numbers, operations, algebra, functions, geometry, measurement, data analysis, statistics, and probability--with a good measure of "outside the box" thinking that you won't learn in math class. Luckily, this unique program can help you excel. Your instructor's warm conversational delivery and keen insight will help you make sense of even the most convoluted problems. You'll learn to answer all types of SAT math questions--from multiple choice to grid-ins--quickly, easily, and accurately. After viewing this program, you'll be able to make the most of your time and earn every point you can. Total running time is 11 hours and 20 minutes.

OVA 1531 Series of 6 DVD's\$159.95



CALCULUS 1

Calculus just got a lot less intimidating. Now you can master an entire year's worth of college-level calculus quickly and easily with this series of 4 DVD's. The ultimate resource for AP high school students, college students and adult learners, these sets cover the standard topics taught in calculus classes and are filled with practice questions and strategies for tackling even the most challenging problems. These programs are also perfect for students of physics, economics, engineering and other fields as well. These DVD's cover equations of straight lines, functions, limits, derivatives, graphing, applications of differentiation, simple integrals, applications of integration, logarithmic and exponential functions, trigonometric functions, inverse trigonometric functions, and methods of integration. Run time is approximately 7 hours and 54 minutes.

OVA 1817 Series of 4 DVD's\$199.95



CALCULUS II

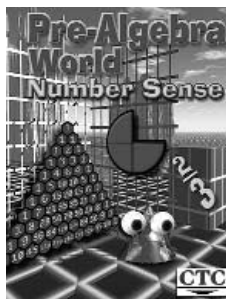
If you want to truly excel in that demanding second semester of calculus, then this series of 5 DVD's is exactly what you need. Picking up right where Calculus I leaves off, this set covers the following: applications of definite integrals, polar coordinates, intermediate forms, improper integrals, sequences, infinite series, vectors, functions of several variables and multiple integration. Approximate run time is 9 hours and 47 minutes.

OVA 1825 Series of 5 DVD's\$199.95

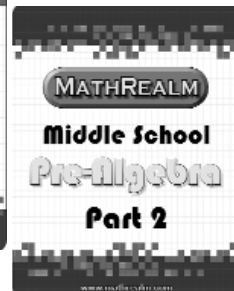
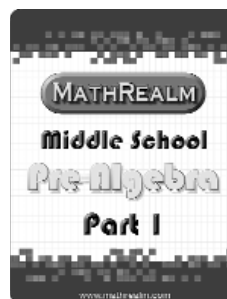


PRE-ALGEBRA WORLD

Grades 4 & up
Learning activities in this highly visual and interactive program actively engage students and reflect NCTM standards. This entire imaginary world is designed to motivate students to learn and use math. This program teaches key concepts in thematic environments that are relevant to students. Students who dislike math frequently take an immediate liking to the program and grasp concepts that have up until then escaped them. The program outline includes: Master Fractions, Estimation/Rounding, Prime Numbers, Factoring, Scientific Notation, Place Value/Number Systems, and Arcade. A teacher manual and student activity guide is included along with worksheets for each section of the program. **Free demo disk available.**



CD-ROM (Win/Mac)
OC 12\$79.95
OC 13 lab pack 5\$224.95
OC 14 lab pack 10\$369.95
OC 15 lab pack 20\$659.95
OC 16 net/site\$999.95



MIDDLE SCHOOL PRE-ALGEBRA PART I

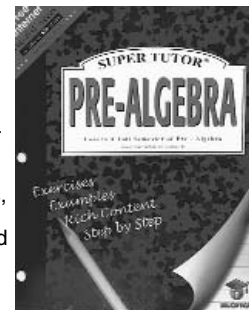
Grades 6 & up
This program covers concepts essential for advancing on to algebra. Teaches fractions, fraction operations, prime numbers, factoring, lines and angles, and polygons. Presents concepts with energy and high impact, designed to turn passive listeners into active learners. Using proven learning methods, this program provides highly interactive concept-building lessons, activities, and practice and skill assessments on fractions, prime numbers, lines, angles, and polygons. The program includes an interactive worksheet where students can create their own fractions, diagrams, tables, graphs, etc.
CD-ROM (Win/Mac)
OC 3161\$99.95
OC 0162 lab pack 5\$259.95
OC 0165 site license\$1299.95

MIDDLE SCHOOL PRE-ALGEBRA PART II

Grades 7 & up
Using proven learning methods, this program provides interactive concept-building lessons, activities, and practice and skill assessment on expressions, integers, ratios, percents, proportions, equations, inequalities, functions and solving linear equations. This software transitions students to algebraic thinking and prepares students to succeed in algebra. The program includes an interactive worksheet where students can create their own fractions, diagrams, tables and graphs.
CD-ROM (Win/Mac)
OC 3171\$99.95
OC 0172 lab pack 5\$259.95
OC 0175 site license\$1299.95

SUPER TUTOR PRE-ALGEBRA

Topics include whole numbers, exponents, factors of whole numbers, fractions, mixed numbers, equations, proportions, decimals, percents, ratio, measurement system, and geometric figures. This CD is also a great study aid for anyone studying for college entrance examinations or anyone wanting to brush up on pre-algebra.
CD-ROM (Win/Mac)
OQU 3017\$49.95



Email: sales@delta-x.net

60 COMPUTER SOFTWARE



HIGH SCHOOL PRE-ALGEBRA REVIEW

Covers topics and concepts for advancing on to algebra. Teaches fractions, fractions operations, prime numbers, factoring, lines and angles, and polygons. By using proven learning methods, this program provides

interactive concept-building lessons, activities, and practice and skill assessment on expressions, integers, ratios, percents, proportions, equations, inequalities, functions and solving linear equations. This software transitions students to algebraic thinking and prepares students to succeed in algebra. The program includes an interactive worksheet where students can create their own fractions, diagrams, tables, and graphs.

CD-ROM (Win/Mac)

OC 3181	\$99.95
OC 0182 lab pack 5	\$259.95
OC 0183 lab pack 10	\$399.95
OC 0184 lab pack 20	\$699.95
OC 0185 site license	\$1299.95

SUPER TUTOR ALGEBRA BOOSTER

Grades 7-10

Stop doing your math the hard way! This program give you tips and tricks that teachers and textbooks usually don't mention, plus hints on avoiding common mistakes. Then you can practice your skills in a fun arcade-game environment, using a unique step-by-step quizzing approach. Say goodbye to mistakes. This is your key to becoming an algebra expert.

CD-ROM (Windows)

OQU 3071	\$49.95
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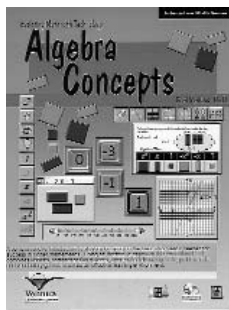
ALGEBRA CONCEPTS

Grades 7-12

This program is a great tool for introducing students to many of the difficult concepts that are necessary for success in higher level math courses. This unique program includes a special feature, the Algebra Tool Kit, where students graphically illustrate algebraic expressions, plot functions and perform operations with integers, monomials, binomials, and polynomials. Students can complete learning activities online. Topics include variables and expressions, real numbers and their properties, solving equations, polynomials, and factoring polynomials.

CD-ROM (Win/Mac)

OVE 231	\$59.95
OVE 2315 lab pack 5	\$129.95
OVE 23125 lab pack 25	\$429.95



2xy ALGEBRA HELPER

Grades 7 & up

2xy Algebra Helper assists students in working with and solving algebraic problems of algebra 1 and 2 skill levels. Problems involving linear functions, polynomials, quadratic equations, roots, domains, inequalities, and more can be solved using *2xy*. *2xy* has an easy to use equation editor. Students can enter their own problems and the software will provide hints on how to solve it. *2xy* checks the work of students in a step-by-step manner so that students know exactly where they are having difficulty. *2xy* contains a library of built-in problems that students can use to learn problem solving skills. The program also includes many animated examples of how to solve problems of different types. Students can learn to plot equations and graph inequalities. **Free demo disk available.**

CD-ROM (Windows)

OC 2	\$79.95
OC 3 lab pack 5	\$224.95
OC 4 lab pack 10	\$369.95
OC 10 lab pack 20	\$659.95
OC 5 net/site	\$999.95

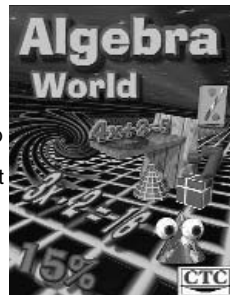
ALGEBRA WORLD

Grades 7 & up

Algebra World teaches and reinforces algebra concepts. Equations and their relationship to word problems are emphasized throughout the program. This program combines detailed lessons developed with real world examples, along with interesting applications such as gears, the Golden ratio, Fibonacci numbers, and exploring number patterns in flowers, spirals, and music. These applications alone motivate students to learn and enjoy math. Students solve math challenges to earn map puzzle pieces. The challenges serve as an assessment of the student's understanding of algebra. Students must understand the lessons and master problem solving in order to solve the challenges. This gives students a much needed sense of accomplishment and an assurance for you that they do understand the algebra concepts and applications presented. The program features: Student Tracking, Three Skill Levels, Challenges/Assessment, Word Problems, Math Applications, and Unlimited Practice Problems. Includes a teacher's manual and student worksheets. **Free demo disk available.**

CD-ROM (Win/Mac)

OC 23	\$79.95
OC 24 lab pack 5	\$224.95
OC 25 lab pack 10	\$369.95
OC 26 lab pack 20	\$659.95
OC 27 net/site	\$999.95



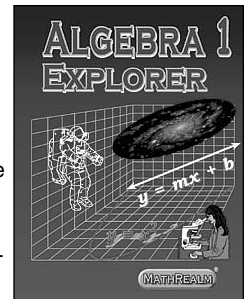
ALGEBRA I EXPLORER

Grades 8 & up

This program focuses on getting a student involved in algebra through step-by-step tutorials, extensive use of interactive learning tools, and engaging hands-on applications. The tutorials build conceptual understanding and problem solving skills with interactive virtual manipulative activities. Students will learn to solve and graph one and two variable linear and quadratic equations and inequalities, work with polynomials, and more.

CD-ROM (Win/Mac)

OC 45	\$149.95
OC 46 lab pack 5	\$389.95
OC 47 lab pack 10	\$659.95
OC 48 lab pack 20	\$1149.95
OC 49 site license	\$1999.95



VISUAL ALGEBRA I

This program is designed to ease the difficulties many students experience during the transition from arithmetic into the world of algebra. It will help students see the need to introduce symbols and visualize the correlation of symbols and number sets. Digital animation, along with interactive experiments and a full curriculum content enables students to discover the reasoning behind the technical procedures invented to solve linear and quadratic equations.

Once students can visualize this process, solving algebraic problems will automatically become a skill useful in many disciplines.

CD-ROM (Win/Mac)

OQU 3023	\$39.95
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VISUAL ALGEBRA II

This program explores simultaneous equations, arithmetic series, geometric series, permutations, and combinations in detail. It helps students perceive the reasons behind technical procedures and master the techniques to solve problems algebraically as well as geometrically. The full curriculum content, 3D animations, interactive experiments and virtual reality environment allow students to discover the relationships of algebra, geometry, and trigonometry, to further their understanding of mathematics.

CD-ROM (Win/Mac)

OQU 3024	\$39.95
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ALGEBRA WORD PROBLEMS

Grades 9 & up

Even the brightest students can be baffled by word problems. Problems are made clear with these programs since each wrong answer draws a step-by-step explanation to help students with algebraic solutions to mathematics problems. Ten programs on one disk graded in difficulty.

Windows

OQU 3036W	\$49.95
OQU 3036WL lab pack	\$99.90
OQU 3036WN net/site	\$249.75

Email: sales@delta-x.net

GRASPMATH® INTERACTIVE ALGEBRA I VIDEO TUTORIAL

Grade 7 & up

This fully interactive self-paced program allows students to learn Algebra concepts at their own pace and features over 89 lessons. The series offers pre-lesson assessments which allow students to determine their skill level and decide if they need further review on the subject, over 22 hours of video instruction, and prompts to work practice problems directly from the CD. The practice exercises contain many useful features that will gradually lead students through the learning process.

As they work through each exercise, a helpful strategy guides students towards the correct answer. If students still find that they need help in answering a particular question, they may ask for hints that are revealed on a step-by-step basis. The series also offers printable study guides with blackline masters that document and reinforce lessons and offer additional pencil and paper practice problems, and a login feature that returns students to their place in the lesson. This series is PC and Mac compatible with easy navigation and does not require any teacher intervention or product knowledge. Easily correlating to any textbook or math course, this program is proven effective for in class supplements, after school programs, math labs, and home schooling. Each series are NCTM and state standards based. **Free demo CD available.**



GEOMETRY WORLD

Grades 4-10

Interactively explore geometric principles. In a beautiful 3D interface, learn about points, lines, angles, planes, polygons, triangles, Pythagorean Theorem, circles, perimeter, area and 3D solid figures. Learn about and create tessellating patterns, tangram designs, and symmetric figures. Explore geometric relationships and logical reasoning. Use a Geoboard and geometric programming tool to create and explore plane figures and designs. Students sort polygons in Venn diagrams using geometric reasoning, given geometric phrase descriptions. A geometric adventure at two skill levels tests reasoning and understanding. There are many activities and applications to promote geometry appreciation and mathematical motivation. **Free demo disk available.**

CD-ROM (Win/Mac)

- NC 39\$79.95
- NC 40 lab pack 5\$224.95
- NC 41 lab pack 10\$369.95
- NC 42 lab pack 20\$659.95
- NC 43 net/site\$999.95

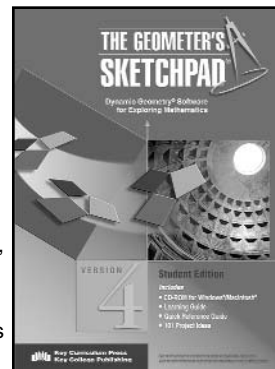
GEOMETER'S SKETCHPAD® VERSION 4 STUDENT EDITION

Grades 5 & up

This software package encourages students to first visualize and analyze a problem, then make conjectures before attempting a proof. Students using this program can construct an object, then explore its mathematical properties by dragging the object with the mouse. All mathematical relationships are preserved, allowing students to examine an entire set of similar cases in a matter of seconds, leading them by natural course to generalizations. This program brings its full dynamic power to the study of Euclidean and non-Euclidean geometries, algebra, trigonometry, precalculus, and calculus.

CD-ROM (Win/Mac)

- OMM 53528\$39.95



ANALYTIC GEOMETRY & TRIGONOMETRY CLASS

This software program contains randomly generated problems and examples providing continuous dialog and feedback which makes this the perfect tool for all students. Students can choose their own problem solving method and receive guidance along the way. The Exploration Environment or investigation laboratory allows for exploring zeros and extreme points, inverse relations, reflections and translations, operations between functions, slope, tangent lines, points of intersections, asymptotes and much more. Students can also print activity reports which include activity covered, unit, subject, grade, solved problems, total mistakes, lessons, guidance, hints, and comments. The teacher tool automatically prepares randomly generated tests and worksheets based on your choice of objectives. They include detailed solutions with graphics where applicable.

Topics covered are points in the plane, the straight line, the circle, the ellipse, the hyperbola, and the parabola. CD-Rom drive and Windows 95 or above are required.

CD-ROM (Windows)

- OWB BGMTGT\$99.00
- OWB BGMTGTL lab pack 10\$396.00
- OWB BFMTFTN net/site\$594.00

RATIONAL EXPRESSIONS

Simplifying, multiplying, and dividing of rational expressions are covered on this CD. LCD, adding and subtraction with like and unlike denominators as well as operations of rational expressions are also presented.

CD-ROM (Win/Mac)

- OEVI A15S\$40.00
- OEVI A15SL lab pack 5\$159.95
- OEVI A15SS site license (pack of 30) \$799.95

GRAPHS AND SYSTEMS OF EQUATIONS

Graphing ordered pairs; graphing linear equations in two variables x- and y- intercepts; relations; functions and graphing linear inequalities in two variables are presented on this CD. Slope; slope-intercept form of a linear equation; point-slope form of a linear equation and using two points to write equations of lines are covered as well. Graphing systems of linear equations; the substitution and addition are also covered.

CD-ROM (Win/Mac)

- OEVI A16S\$40.00
- OEVI A16SL lab pack 5\$159.95
- OEVI A16SS site license (pack of 30) \$799.95

ROOTS AND RADICALS

Square roots; simplifying square roots and those containing variables are shown on this CD. Addition, subtraction, multiplication, and division of radicals is also presented. Rationalizing the denominator, the Pythagorean Theorem and the Distance Formula are also discussed.

CD-ROM (Win/Mac)

- OEVI A17S\$40.00
- OEVI A17SL lab pack 5\$159.95
- OEVI A17SS site license (pack of 30) \$799.95

SOLVING QUADRATIC EQUATIONS

Solving quadratic equations by using the Square Root property, by completing the square, and by the Quadratic Formula are all contained on this CD.

CD-ROM (Win/Mac)

- OEVI A18S\$40.00
- OEVI A18SL lab pack 5\$159.95
- OEVI A18SS site license (pack of 30) \$799.95

GRASPMATH® INTERACTIVE ALGEBRA I VIDEO TUTORIAL

This series contains the eight CD's described above.

CD-ROM (Win/Mac)

- OEVI AIS\$320.00
- OEVI AISL lab pack 5\$1150.00
- OEVI AISS site license (pack of 30)\$5700.00

REAL NUMBERS, VARIABLES, AND ALGEBRAIC EXPRESSION

Grades 7-12

This CD covers the introduction to real numbers and variables; operations with real numbers and algebraic expressions. Some topics include variables and algebraic expressions; order of operations; adding, subtracting, multiplying and dividing of real numbers; combining like terms; and simplifying algebraic expressions.

CD-ROM (Win/Mac)

- OEVI A11S\$40.00
- OEVI A11SL lab pack 5\$159.95
- OEVI A11SS site license (pack of 30) \$799.95

SOLVING EQUATIONS AND PROBLEM SOLVING

Topics covered in this CD are solving equations using addition, subtracting, multiplying and division properties. Also covered are solving equations requiring more than one step; with variables on both sides, percent equations, literal equations and absolute value equations as well as problem solving using formulas to solve applications.

CD-ROM (Win/Mac)

- OEVI A12S\$40.00
- OEVI A12SL lab pack 5\$159.95
- OEVI A12SS site license (pack of 30) \$799.95

INEQUALITIES AND EXPONENTS

Areas covered on this CD are solving inequalities using addition, subtraction, multiplication, and division. Also covered are multiplying and dividing exponents as well as negative exponents and scientific notation.

CD-ROM (Win/Mac)

- OEVI A13S\$40.00
- OEVI A13SL lab pack 5\$159.95
- OEVI A13SS site license (pack of 30) \$799.95

OPERATIONS OF POLYNOMIALS AND FACTORING

Areas covered in this CD include adding, subtracting, multiplying and dividing polynomials as well as many aspects of factoring polynomials.

CD-ROM (Win/Mac)

- OEVI A14S\$40.00
- OEVI A14SL lab pack 5\$159.95
- OEVI A14SS site license (pack of 30) \$799.95

Email: sales@delta-x.net

62 COMPUTER SOFTWARE

SUPER TUTOR GEOMETRY

Grades 9-12

This interactive, multimedia program acts as your students private tutor. They can learn and review courses step-by-step at their own pace. The program offers hundreds of topics, figures, animations, narrations, sounds, examples, and exercises. Students start with basic geometry and work their way through fifteen chapters, covering angles, parallel lines, quadrilaterals, the right triangle, coordinate geometry, transformations, vectors, and non-Euclidean geometry. Important functions, including a versatile text search, index table, "Read to me," quiz, and grading, make study much easier. Double speed CD-ROM drive recommended.

CD-ROM (Windows)

OQU 3012W\$49.95

VISUAL TRIGONOMETRY

The unique blend of the popular internet format, full curriculum content, real-life examples and 3D animation creates a learning environment in which students can explore and appreciate trigonometry. The interactive Java applets are designed to help students gain an intuitive understanding of the important trigonometry relationships through conducting their own experiments. The extensive 3D animation collections enable students to visualize the abstract concepts. Each sections is concluded by showing students an example on how to apply the principals to solve real-life examples.

CD-ROM (Win/Mac)

OQU 3033\$39.95

THE TRIG EXPLORER

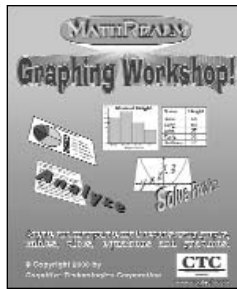
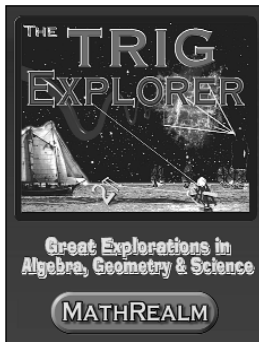
Grade 9 & up

This engaging and easy to follow program provides a comprehensive overview of trigonometry fundamentals and helps students make connections from abstract concepts to the world around them. For students who need to review the basic building blocks of trig, the creative, animated and engaging lessons on degrees, angles and triangles this program provides a great starting place. The functions, plotting and inverse functions lessons are for those who have a grasp of the basics. For the student who is bored and uninspired with trigonometry, the applications on radio waves, sound, surveying and many more show how trigonometry is used to explain everyday phenomena and solve real world problems. The lessons are presented in a logical, concept building format. The plotting lesson allows students to explore how angles relate to points on a graph. Students can manipulate angles on a circle and see how the values of the plotted points change for the different trigonometric functions. Students apply what they have learned to randomly generated practice problems. Answers are explained in a step-by-step approach.

Free demo disk available.

CD-ROM (Win/Mac)

OC 02\$99.95
 OC 03 lab pack 5\$259.95
 OC 04 lab pack 10\$399.95
 OC 10 lab pack 20\$699.95
 OC 05 net/site\$1199.95



GRAPHING WORKSHOP

Grades 4 & up

This program provides students with an easy way to structure, record, and analyze information.

Students can create and manipulate interactive reports using graphs, tables, plots, equations, graphics and text. The program

allows students to edit tables and see linked graphs and plots change. Students receive immediate visual feedback. All items on a report can be edited and arranged interactively and then printed.

OC 3108\$79.95

OC 0109 lab pack 5\$224.95

OC 0110 lab pack 10\$369.95

OC 0111 lab pack 20\$659.95

OC 0112 site license\$999.95



ON YOUR OWN--COAST TO COAST

Now students can face the day-to-day, real life challenges of living on their own in 12 different communities from coast-to-coast including: Atlanta, GA, Casper, WY, Chicago, IL, Des Moines, IA, Eugene, OR, Fitchburg, MA, Fort Pierce, FL, Los Angeles, CA, Lubbock, TX, New York, NY, Raleigh, NC and Sterling, IL. This program includes four options for your student or you to determine their income for the simulation and in which of the 12 communities they will live. Once your student have determined their income, it's time to get settled in the community in which they'll be living and then they will face the real life challenges of living day-to-day for the simulated three-month period--and they're in complete control of their finances. They'll pay bills, make everyday spending decisions, deal with life's little hassles and handle emergencies big and small.

OCW 2580\$79.00

OCW 2580L lab pack 5\$169.00

OCW 2380N network/site license ..\$349.00

GRAPHICS SERIES

CLIP-ART FOR MATH TEACHERS

This useful clip-art collection provides math teachers with a wide variety of detailed diagrams that can be added to tests, reports, overhead transparencies and worksheets. The black & white diagrams are in MacPaint format and can be used as is or can be edited with most paint programs such as MacPaint, FullPaint, or SuperPaint. Color can be added with PixelPaint. A teacher's guide is included.

CD-ROM (Win/Mac)

OVE 0044\$39.95

OVE 0445 lab pack\$99.95

OVE 044B building license\$129.95

BORDERS, CERTIFICATES & AWARDS

These graphics are great for creating school newspapers, awards, flyers, banners, and interactive multimedia presentations. All graphics can be used as is or can be edited with most paint programs, such as MacPaint, SuperPaint, or ClarisWorks, and can be used with many popular programs such as Microsoft Works, Microsoft Word, and Adobe Pagemaker.

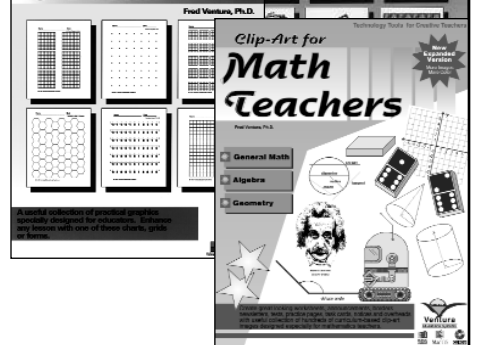
CD-ROM (Win/Mac)

OVE 0208\$39.95

OVE 2085 lab pack\$99.95

OVE 208B building license\$129.95

Charts, Grids & Forms



CHARTS, GRIDS & FORMS

This collection of different charts and grids can be used with any word processor. Build math worksheets, create class schedules, or use this graphics in your puzzles. The program features: simple grids and ruled sheets; isometric, hexagonal, and dot grids; and organizational and numbered-line charts.

CD-ROM (Win/Mac)

OVE 0207\$39.95

OVE 2075 lab pack\$99.95

OVE 207B building license\$129.95

COMPLETE GRAPHICS SERIES

This series included the 3 programs described.

CD-ROM (Win/Mac)

OVE 0200\$99.95

OVE 2005 lab pack\$249.95

OVE 200B building license\$324.95

☎ 1-800-435-5534