

Math curriculum Ideas

COMPUTER AND ON-LINE MATH RESOURCES

****Recommended by several ESs and/or families**

A variety of mathematics software programs are available from such software vendor sources as:

CAMBRIDGE DEVELOPMENT LABORATORY <http://www.edumatch.com>

CCV SOFTWARE <http://www.ccvsoftware.com>

CLASSROOM DIRECT.COM <http://www.classroomdirect.com>

CLARITY SOFTWARE (916-645-9423)

EDUCATIONAL RESOURCES <http://www.edresources.com>

EDUCATIONAL SOFTWARE INSTITUTE <http://www.edsoft.com>

LEARNING SERVICES <http://learnserv.com>

ACADEMIC SYSTEMS <http://www.academic.com> offers various on -line interactive, multimedia math programs -- pre-algebra to pre-calculus, statistics, and study skills.

AMERICAN EDUCATION CORPORATION <http://www.amered.com> is a source for grade 1 - 12 A+LS computer-based curriculum materials.

ADVANCED ACADEMICS <http://www.advancedacademics.com> offers quality on-line courses for high school level students; includes a variety of subject areas.

APEX LEARNING <http://www.apexlearning.com> offers various on-line courses (include AP courses).

CAL CAMPUS' <http://www.calcampus.com> on-line course offerings include high school level mathematics.

****CHILD U -- THE LEARNING ODYSSEY <http://www.childu.com> provides complete on-line courses for grades 1 - 8.**

CYBER ED, INC. <http://www.cybered.net> is a source for "Plato" software -- including high school level math & science courses.

DIVISION OF INDEPENDENT STUDY (North Dakota)

<http://www.NDISonline.org/> offers a variety of math courses for middle through high school levels; several math courses available in on-line format also.

**EDMARK/ RIVERDEEP <http://www.riverdeep.com> provides interactive on-line courses and learning resources for grades K - 12.

EPGY <http://www-epgy.stanford.edu/> "uses a combination of CD-ROM and internet technologies to provide gifted students with a multifaceted, highly individualized, learning environment"; math offerings include K - 12+ level courses (comment from ES – "EPGY was not very responsive to my student's inquiries").

EQUITY, INC. (TEST BUDDY) <http://www.testbuddy.com> is on-line educational software designed for 6th grade level and up; for students needing basic skills instruction in reading, math, language arts, information skills and job/career readiness skills.

INTELLIGENT TUTOR SOFTWARE, INC. <http://www.mathtutor.com/> offers a self-paced math tutorial software for grade 7 - 12.

KC DISTANCE LEARNING (KEYSTONE NATIONAL HIGH SCHOOL)

<http://www.keystonehighschool.com> offers on-line and more traditional distance learning high school level courses -- including several math courses.

**K12's <http://www.k12.com> program (associated with William Bennett) includes an on-line component; comprehensive curriculum and individual courses available; currently available for grades K - 2 only.

**Logical Journey of the Zoombinis" (by Broderbund) is a CD-ROM-based program that provides fun logical thinking exercises, for ages 8 and up; from various software vendors.

MECS (Montessori Educational Computer Systems)

<http://www.mecssoftware.com> offers computer-based Montessori curriculum materials for Pre K - 4 -- includes math reading, social studies, science, etc.

MERIDIAN <http://www.meridiancg.com> is a source for "Larson" multimedia math curriculum materials, "Meridian Math Coach" units, a web-based program that correlates with popular textbooks for grades 6 - 8, etc.

PATHWAY PUBLICATIONS <http://www.pathwaypublishers.com> is the source for the "Odyssey Ware" software-based curriculum. They offer math courses for grades 3 – 12 and high school level consumer math elective available (similar to "Switched-On Schoolhouse").

PROJECTED LEARNING PROGRAMS <http://www.projectedlearning.com> is a distributor of math, science, language arts, social studies, family/consumer science and "vo-tech" educational software and videos.

WILDRIDGE SOFTWARE <http://www.wildridge.com> provides interdisciplinary programs that integrate math, science, history, and literature; for middle and high school.

There are also numerous internet math resources available -- for example:

ABOUT's website <http://math.about.com/> offers many math resources including on-line tutorials.

FUNBRAIN.com's website <http://www.funbrain.com> includes on-line games for various level students.

GLENCOE's website <http://www.glencoe.com> provides on-line math resources, links, study helps, test prep, etc.

PRENTICE HALL <http://www.phschool.com> offers on-line resources to "extend" their textbooks.

S.C.O.R.E.'s website (Schools of California Online Resources for Education) <http://score.kings.k12.ca.us> includes various math resources, links, etc.

SCHWABLEARNING.ORG <http://www.SchwabLearning.org> is a source for various strategies for managing learning differences – include strategies for math.

HANDS-ON MATH MATERIALS, GAMES, & TEACHER RESOURCES

**Recommended by several ESs and/or families

Educational materials suppliers are a source for many math materials. They include:

A BRIGHTER CHILD <http://www.abrighterchildhomeschool.com>

A. WARREN'S SCHOOL SUPPLY <http://www.warrenseducational.com/>

A B C SCHOOL SUPPLY <http://www.abcschoolsapply.com/>

CLASSROOM DIRECT.COM <http://www.classroomdirect.com/>

CLASSROOM RESOURCES /NATIONAL SCHOOL PRODUCTS 800-627-9393

DISCOUNT SCHOOL SUPPLY <http://www.earlychildhood.com/>

DISCOVERY GARDEN 530-477-8331

EDUCATIONAL RESOURCES <http://www.edresources.com/>

G.W. SCHOOL SUPPLY <http://www.gwschool.com/>

HOME LEARNERS CATALOG <http://www.thehomelearnerscatalog.com/>

HOMESCHOOL BASICS (formerly The Education Connection)
<http://www.homeschoolbasics.com>

J. L. HAMMETT CO. <http://www.hammett.com>

KALEIDOSCOPE <http://www.kaleidoscope-pts.com/>

**LAKESHORE LEARNING MATERIALS <http://www.lakeshorelearning.com>

LEARNING RESOURCES (K - 9) <http://www.learningresources.com/>

PARENT - TEACHER RESOURCE CO. <http://www.parentteacherresource.com/>

REPORT CARD <http://www.reportcard.net/>

SCHOOL SPECIALTY/ BECKLEY CARDY <http://www.junebox.com/>

AIMS EDUCATION FOUNDATION <http://www.aimsedu.org/> offers materials designed to engage K-9 students in hands-on, integrated, discovery math and science activities.

AUDIO MEMORY PUBLISHING <http://www.audiomemory.com/> provides audio-formatted products that teach students about grammar, geography, math, etc.

BOX CARS AND ONE-EYED JACKS <http://www.boxcarsandoneeyedjacks.com> offers math, language, and spelling games for K - 12 students.

CAROLINA BIOLOGICAL SUPPLY CO. <http://www.carolina.com/> provides a wide variety of math & science materials to involve students in hands-on learning.

**CITY CREEK PRESS, INC. <http://www.citycreek.com> publishes literature-based teaching tools for helping students learn math facts through mental images related to stories.

**CREATIVE PUBLICATIONS <http://www.creativepublications.com> is a source for a variety of math resources ("Math Land" and "Real World Math" materials, "Theme Works", "Family Math" series, Marilyn Burns materials, etc.)

DALE SEYMOUR - PEARSON EDUC. <http://www.aw.com/dsp/> features a variety of K - 12 learning resources for math, science, social studies, and art. Offerings include *"Target Practice/Target Math" puzzle books, etc.

**DELTA EDUCATION <http://www.delta-education.com/> provides a variety of hands-on science and math materials/ resources for grades K - 9.

DELTA X <http://www.delta-x.net/> offers wide variety of math resources for grades 4 - 12.

DEMCO PUBLISHERS <http://www.demco.com> offers hands-on learning materials, interdisciplinary units, etc.

DIDAX <http://www.didaxinc.com/> publishes and distributes books, manipulatives, and software for math, reading, science, and art.

EDUCATIONAL RECORD CENTER <http://www.erc-inc.co m> is source for K - 6 educational audiocassettes, CDs, and videos for many subject areas.

EDUCATORS OUTLET <http://www.educatorsoutlet.com> provides a variety of math, science and early childhood products.

**ETA's <http://www.etacuisenaire.com> K - 12 math specialty catalog offers a wide variety of educational resources; offerings include manipulative kits to accompany the Saxon primary level math programs.

**Fast Track Learning™ Math Dominoes games are self-checking games designed for 2 - 4 players, ages 7 - 11; provide fun way to practice skills; series includes Fishy Addition, Shark Subtraction, Crustacean Multiplication, and Deep Sea Division; from various educational materials vendors.

FREY EDUCATIONAL <http://www.junebox.com> is a source for a variety of science and math materials.

GAMES 2 LEARN (A BETTER WAY OF LEARNING)
<http://www.games2learn.com> develops various educational products designed to increase language and math skills; available products include "The Phonics Game", "The Math Game", etc.

**HANDS ON EQUATIONS <http://www.borenson.com> "is a visual and kinesthetic teaching system for introducing algebraic concepts to students in grades 3 to 8"; available from NASCO, etc.

INSTA-LEARN by Step, Inc. <http://www.insta-learn.com/> provides manipulative tools for teaching pre K - 3rd graders basic reading and math skills.

**KIDS IN BETWEEN <http://www.kidsinbetween.com> provides various innovative materials designed to be sequential and repetitive; many items appropriate for LD.

**LAWRENCE HALL OF SCIENCE <http://www.lhs.berkeley.edu/> is a source for many hands-on math and science teacher resources.

**LEGO DACTA and PITSCO <http://www.pitsco-legodacta.com/> provide innovative, hands-on educational products designed to develop students' understanding of math, science, and technology; **recommended for middle school level.

Montessori math materials are available from

BRUINS MONTESSORI MATERIALS <http://www.flash.net/~bruins/>

ESSENTIAL MONTESSOR <http://www.michaelolaf.net/>

LAKEVIEW MONTESSORI <http://www.mnsi.net/~lakeview/>

MONTESSORI SERVICES <http://www.montessoriservices.com>

NIENHUIS MONTESSORI USA <http://www.nienhuis.com>

**MOUNTAIN MATH/ LANGUAGE <http://www.mtmath.com> provides a reusable bulletin board resource to provide supplemental review of K - 6 math and language concepts.

**NASCO <http://www.eNASCO.com> has a math specialty catalog available that contains a wide variety of K - 12 learning materials.

PCI EDUCATIONAL PUBLISHING <http://www.pcicatalog.com> is a source for K - 12 educational materials designed to address students' various learning styles.

**PIG OUT ON MATH/ MATERIALS FOR MATH
<http://members.aol.com/pigonmath/> is a great one-stop source for math resources, books, puzzles, games, etc.

PRUFROCK PRESS <http://www.prufrock.com> specializes in educational resources for "gifted" students and others; for all subject areas.

**"Read Life Math Investigations – Authentic Problem-Solving Activities" (by Instructional Fair) provides "problems or scenarios that require students to design a strategy and devise a solution"; available for grades 2 – 8; available from publisher and other educational materials suppliers.

SUMMIT LEARNING <http://www.summitlearning.com> is a source for various K - 9 science and math resources

TOPS LEARNING SYSTEMS <http://www.topscience.org> is a source for inexpensive, creative, hands-on science and math curriculum materials.

TRAIN A BRAIN <http://www.trainabrain.com> specializes in multi-sensory "educational resources for remembering" -- flashcards, manipulatives, games, audiotapes, etc.

USBORNE <http://www.usborneonline.com> is a source for several math-related resources -- workbooks, activity books, learning wrap-ups, etc.

MATH TEXTS AND WORKBOOKS

**Recommended by several ESs and/or families

These vendors' offerings include K - 8 state-adopted materials (state standards and adopted textbook information obtained from CA State Dept. of Ed's Curriculum Frameworks and Instructional Resources website area: <http://www.cde.ca.gov/cfir/>)

AMERICAN GUIDANCE SERVICE (AGS) <http://www.agsnet.com> publishes a variety of textbooks and related materials for grades 6 - 12. Math selections include basic and life skills math, algebra, geometry, test prep, etc.

AMSCO <http://www.amscopub.com/> includes various math course materials for grades 6 - 12 -- arithmetic, integrated math, algebra 1 & 2, trigonometry, advanced math, calculus, AP prep, etc.

**BEDFORD, FREEMAN, AND WORTH PUBLISHING GROUP

<http://www.bfwpub.com> is a source for various math materials including the **Harold R. Jacobs' math texts -- Mathematics: A Human Endeavor, Elementary Algebra, and Geometry ("a very user-friendly math for high schoolers")

****BLUESTOCKING PRESS** <http://www.BluestockingPress.com> is a source for The Basic College Mathematics series (Basic College Mathematics, Introductory Algebra, Intermediate Algebra, and Business Mathematics -- texts, accompanying instructor editions, software, and digital video tutors available; "include good examples and explanation"; ****Introductory Algebra is especially good those wanting to strengthen the basics"**.

BYU INDEPENDENT STUDY <http://ce.byn.edu.is/> offers textbook-based high school level math courses.

BUCKLE DOWN PUBLISHERS <http://www.buckledown.com> offers K - 8 workbooks and diagnostic tests; "excellent resource" for standards-based test prep (available in packs of 10).

****BUDGET TEXT** <http://www.budgettext.com> was recommended as a source a variety of discount priced textbooks; provides relatively quick service.

****CALVERT** <http://www.calvertschool.org> offers K - 8 math as part of their comprehensive curriculum offerings or as separate course materials (materials only).

COLLEGE PREPARATORY MATHEMATICS <http://www.cpm.org> offers a complete, balanced mathematics curriculum for grades 6 - 12 -- math analysis, algebra 1 & 2, and geometry; samples available at website.

CONTINENTAL PRESS <http://www.continentalpress.com> publishes supplemental materials for grades K - 12, special needs, test prep, etc.

****CRITICAL THINKING PRESS** <http://www.criticalthinking.com> publishes software and books designed to develop critical thinking skills in various subject areas.

Titles include ****Cranium Crackers**, ****Math Ties**, **Mathematical Reasoning**, **Brain Stretchers**, etc.

CURRICULUM ASSOCIATES <http://www.curriculumassociates.com> publishes a variety of educational resources -- sample pages available on their website.

DIVISION OF INDEPENDENT STUDY (North Dakota) <http://www.NDIsonline.org/> offers a variety of math courses for middle through high school levels; some on-line courses available.

EDUCATOR'S PUBLISHING SERVICE (EPS) <http://www.epsbooks.com> offerings include various math workbooks for grades K - 8.

ESP PUBLISHERS, INC. <http://www.espbooks.com/> is the publisher of the consumable "Super Book" series textbooks, etc. --- math materials available for grades 2 - 12.

GLENCOE - MC GRAW HILL <http://www.glencoe.com/> publishes texts and related materials for grades 6 - 12 -- math selections include middle school through pre-calculus, AP, etc.; website provides on-line resources related to their materials.

GLOBE - FEARON <http://www.globefearon.com> publishes a variety of learning materials for grades 6 - 12; ES comment: "Pre Algebra workbook has an easy-to-follow, step-by-step format".

FRESNO COUNTY OFFICE OF EDUCATION (PASS) <http://www.cyberhigh.fcoe.k12.ca.us/> offers several middle and high school level math courses -- consumer math, basic math, pre-algebra, integrated math, etc.

GREAT BOOKS ACADEMY <http://www.greatbooksacademy.org> is a source for several K - 12 math programs -- specializes in "classical approach" materials.

GOLDEN RULE BOOKS <http://www.goldenrulebooks.com> provides competitively priced Saxon curriculum materials

**GREAT SOURCE EDUCATION GROUP <http://www.greatsource.com/> provides user-friendly K - 12 materials and reference materials for reading, math, science, and social studies.

**### HARCOURT's offering include ##Harcourt Math, K - 6 (ES comment - "kind of a standards-based combination of Math Steps & Saxon").

HAYES SCHOOL PUBLISHING CO. <http://www.hayespub.com> publishes a variety of materials for grades K - 12 -- offerings including workbooks and reproducibles for drill and practice.

HOLT, RINEHART & WINSTON <http://www.hrw.com> is a source of mathematics materials for grades 6 - 12 -- algebra 1 & 2, geometry, practical mathematics, etc.; website includes related on-line resources for teachers & families.

HOME LEARNER'S CATALOG <http://www.thehomelearnerscatalog.com> is a source for hands-on materials, interdisciplinary units, "Key Curriculum" materials, Making Math Meaningful, math software, workbooks, etc.

HOMESCHOOL BASICS <http://www.homeschoolbasics.com> is a source for "Key Curriculum" and Saxon materials; various games; manipulatives; activity books; etc.

******* HOUGHTON - MIFFLIN's <http://www.eduplace.com/> offerings include math textbooks for grades K - 7 -- including **##**Mathematics by Houghton Mifflin", K - 5, "Math Steps" series, etc. Website provides related resources for teachers & families. (**ES comment: "Math Steps moves quickly with not much review but is good preparation for SAT9 tests".)

KC DISTANCE LEARNING (Keystone National High School) <http://www.keystonehighschool.com> offers on-line and more traditional distance learning high school level courses.

******KEY CURRICULUM PRESS <http://www.keypress.com/> offers mathematics and statistics materials for middle school level and up (including the *******"Keys To" series (fractions, percents, decimals, geometry, measurement, and algebra), Discovering Algebra", Discovering Geometry, ******Patty Paper Geometry (for hands-on geometry); "ES comment: ******Keys to Algebra recommended for pre-algebra level.

LAKESHORE LEARNING MATERIALS <http://www.lakeshorelearning.com> provides a wide variety of math materials for grades K - 12.

KENDALL HUNT <http://www.kendallhunt.com> is the source for K - 5 Math Trail Blazers series, etc.

MC DOUGAL LITTELL <http://www.mcdougallittell.com/> is a source for textbooks and related materials for grades 9 - 12 -- basic math, integrated math, algebra 1 & 2, geometry, etc.; offerings include **##**Concepts and Skills, 6 - 8; **##**Structure and Method, 6 - 8; etc.

******* MC GRAW - HILL SCHOOL DIVISION (K - 12) <http://www.mmhschool.com> offers a variety of mathematics materials. Offerings include **##**McGraw-Hill Mathematics, K - 6, etc. Their popular ******Spectrum workbooks are available from several educational materials vendors.

MERIDIAN <http://www.meridiancg.com> carries a series of real life math books that include "The Mathematics of . . ." series -- Budgeting, Insurance, Taxes, Savings, etc.; see computer resources above also.

****** MODERN CURRICULUM PRESS - PEARSON LEARNING - CELEBRATION PRESS <http://www.mcschool.com/> produces comprehensive and supplemental K - 12 learning materials -- math, science, social studies, & language arts (MCP is a classic!); "Teachers' Manual includes great ideas and instructions for parents/ instructors to use with own students".

****** OAK MEADOW <http://www.oakmeadow.com> provides K - 12 math curriculum packages.

PATHWAY PUBLISHERS <http://www.pathwaypublishers.com> are a source for "Discovery Units" -- character-based worktexts which "combine subject text, exercises, projects, review and tests"; available for grades 1 – 12.

PEOPLE'S PUBLISHING GROUP, INC. <http://www.peoplespublishing.com> is a source for Pre K - adult textbooks (including remedial, AP, college texts, multicultural, etc.)

PRENTICE - HALL <http://www.prenticehall.com> provides texts and related materials for grades 6 - 12; AP also available; offerings include ##CA. Editions of Prentice Hall Pre-Algebra (7 th grade) and Algebra 1 (8 th grade) materials, etc.

SADDLEBACK <http://www.sdlback.com> is the publisher and/or distributor of various resources for K - 12, ESL, adult, and at risk learners -- workbooks, textbooks, reproducibles, electronic learning resources, software, etc.

**## SAXON PUBLISHERS, INC. <http://www.saxonpub.com> publishes the Saxon math materials for K - high school calculus. "Incremental, spiral approach is good for mastery". Homeschool kits include student texts and answer keys. Solution manuals are helpful for higher math courses. Primary levels use many manipulatives (manipulative kits available from ETA). On-line placement tests and enrichment activities are available at their website. (##K - 3, Math 54, 65, 76, & 87 student workbooks and the supplemental "Writing About Mathematics" workbooks for several levels are also available).

** SCHOLASTIC <http://scholastic.com> provides a variety of K - 8 math resources; website includes free downloadable worksheets.

##SCOTT FORESMAN/ ADDISON WESLEY <http://www.sf.aw.com> offers K - 6 math materials -- including the **Scott Foresman California Mathematics, K - 6; website includes on-line resources for teachers & families.

SILVER, BURDETT & GINN <http://www.scottforesman.com/> offers math materials for grades K - 6; math resources are also available on their website <http://www.sbgmath.com/>

SOUTH WESTERN / THOMSON PUBLISHING CO. <http://www.thomson.com> is a source for various materials -- including those for AP, honors, and college prep.

STECK VAUGHN <http://www.steck-vaughn.com> publishes K - 12 materials for many subject areas, including mathematics.

TEACHINGPLANS.COM <http://www.teachingplans.com> offers comprehensive and/or individual K - 12 course materials -- including textbooks and instructional guide with daily lesson plans.

UNIVERSITY OF CALIFORNIA EXTENSION CENTER FOR MEDIA & INDEPENDENT LEARNING <http://learn.berkeley.edu> offers several high school level math courses.

UNIVERSITY OF MISSOURI CENTER FOR DISTANCE AND INDEPENDENT STUDY <http://cdis.missouri.edu> offers various courses for grade 3 - 12.

UNIVERSITY OF NEBRASKA/ LINCOLN INDEPENDENT STUDY HIGH SCHOOL <http://www.unl.edu/ISHS> offers several high school level math courses -- basic math through pre-calculus, business and consumer math, etc.

WALCH <http://www.walch.com> publishes many materials for middle and high school levels.

WIESER <http://www.wieser-ed.com> is a source for middle and high school level math materials from several publishers -- AGS, STECK - VAUGHN, WALCH, etc.

MATH VIDEO RESOURCES

**Recommended by several ESs and/or families

ANNENBERG/ CPD <http://www.learner.org> offers supplemental high school level math video courses

**CHALK DUST COMPANY <http://www.chalkdust.com/> provides comprehensive videotape-based courses for basic math through calculus (books, tapes, and solution guides are available)

CREATIVE PRODUCTS (<http://www.systemathy.com> offers the "Systematic Mathematics" program for middle school levels and up. Instruction is via video; accompanying print materials require the use of a computer printer.

CURRICULUM SERVICES <http://www.curriculumservices.com> offers a text-based video course for 7th - 9th grades.

KEYBOARD ENTERPRISES www.mathrelief.com offers video-based algebra instruction and related worksheets.

KIDD EDUCATIONAL MATERIALS offers educational videos and related worksheet sets for basic math, algebra, and geometry -- "Uncle Johnny's Easy Algebra"/ "Simplified Algebra Method".

LEARN QUICKLY <http://www.learnquickly.com> offers a series of math and language videotapes and corresponding workbooks. Their math videos are

"designed to help students learn basic math, fractions, decimals, percent, ratio, proportion, and the basics of algebra and geometry".

LIBRARY VIDEO SERVICE <http://www.libraryvideo.com> is a source for various mathematics instruction videos -- selections for K - 12+ available.

PENTON OVERSEAS <http://www.pentonoverseas.com> is a source for the pre K - 6th "Math Video Tutor" series -- designed to teach basic math concepts in a fun way.

PROJECTED LEARNING PROGRAMS <http://www.projectedlearning.com> is a distributor of math, science, language arts, social studies, family/consumer science and "vo-tech" educational software and videos.

RAINBOW EDUCATIONAL MEDIA <http://www.rainboweducmedia.com> supplies videos and CD-ROMs for a variety of subjects; for K - 8.

SVE & CHURCHILL MEDIA <http://www.svemedias.com> is a source for K - 12 mathematics videos and CD-ROMs.

**THE TEACHING COMPANY <http://www.teachco.com> offers high school level videos courses. Their math selections include: basic math, algebra 1 & 2, and geometry; "courses are fairly detailed"; "format is lectures with accompanying exercises"; (ES comment: They work for some students but others find them "dull".)

TEACHER'S VIDEO COMPANY <http://www.teachersvideo.com> offers several math videos including series from The Standard Deviants, Video Tutor, Video Tutorial Service, Vidmation, Assistant Professor, Grasp, Geometry the Complete Course, etc.

USA TEST <http://www.usatest.com> offers several math videos for supplemental instruction and subject review; for grades 5 and up

VIDEO TUTORIAL SERVICE <http://www.mathmadeeasy.com/> is a source for the **"Math Made Easy" materials -- including those for basic skills, pre-algebra, algebra, integrated math, geometry, advanced math, probability & statistics, etc.

**VIDEO TEXT INTERACTIVE <http://www.videotext.com> provides a video-based, integrated algebra 1 and 2 course -- materials include videos, course notes, student worktext, solutions manual, and instructor guide with tests; "highly recommended for parents having difficulty teaching math".

VOCATIONAL TECHNOLOGIES (888-803-6784) is a source for the "Walk About" series for grades 6 -12. These videos help students understand how

math, science, and language arts are related to the work world, jobs, and careers.

UNIQUE MATH PROGRAMS

** Recommended by several ESs and/or families

** AIMS EDUCATION FOUNDATION <http://www.aimsedu.org/> provides integrated hands-on math and science learning activities for grades K - 9.

** ACTIVITIES FOR LEARNING -- "Abacus Learning" materials <http://www.alabacus.com> is a source for the multi-sensory "AL Abacus", "Right Start" math program, and related materials; for grades K - 4.

** ANS MAR PUBLISHERS, INC. <http://www.excelmath.com/> offers the "Excel Math" program for grades K - 6 -- for use as a comprehensive or supplemental math program.

** "Consumer Math Success Kit" (a reproducible book from WALSH) provides reinforcement materials, clear explanations, helpful teaching suggestions, and practice problems for over 50 consumer math-related topics; available from publisher, WIESER, THE REPORT CARD, etc.

DON COHEN -- THE MATHMAN <http://www.shout.net/~mathman> is the source for the innovative "Calculus By and For Young People" and related worksheets, videos, etc.

** "Family Math" series selections (by EQUALS/ Lawrence Hall of Science) are great mathematics resources/ supplements -- ideas for activities, investigations and projects, reproducibles, games, puzzles, etc.; "Family Math -- The Middle School Years" book provides help in preparing students for high school level math course work; available from educational materials suppliers.

GANDER EDUCATIONAL PUBLISHING <http://www.lblp.com/gander/> is source for Linda Mood Bell's "On Cloud Nine Math" program -- "uses manipulatives, imagery, and language to develop the underlying math concepts for reasoning and problem solving with numbers"; for basic math to fractions, decimals, word problems, etc.; also a source for "Unifix" math manipulatives.

** HANDS ON EQUATIONS <http://www.borenson.com> "is a visual and kinesthetic teaching system for introducing algebraic concepts to students in grades 3 to 8"; available from NASCO, etc.

** "Hooked On Math" <http://www.hop.com> is designed to teach basic math facts to 5 - 10 yr. olds; contains CD and flashcards -- similar in approach to "Hooked on Phonics"; "pricey but good"; available from GATEWAY LEARNING and INCENTIVES FOR LEARNING.

** INNOVATIVE LEARNING CONCEPTS <http://www.touchmath.com> is the source for the multi-sensory **"Touch Math" program -- utilizes the "touchpoint" method; especially recommended for good multiplication and division practice.

INTERACT <http://www.interact-simulations.com> provides project units/ simulations for grades 1 - 12.

** Leap Frog electronic, multi-sensory, interactive products include math learning tools such as: "Flash Magic Addition/ Subtraction" and "Flash Magic Multiply/Divide" (grades K - 3), "Twist & Shout Addition" and "Twist & Shout Multiplication" (grades 1 - 5), Turbo Twist Math" (grades 1 - 8, etc.; available from various educational materials suppliers

** "Math By All Means" replacement units use "real-life", hands-on activities to implement math standards -- topics include money (gr. 1 - 2), probability (gr. 1 - 2), geometry (gr. 1 - 4), place value (gr. 2), multiplication (gr. 3), division (gr. 3 - 4), area & perimeter (gr. 5 - 6); available from educational materials suppliers.

** "Making Math Meaningful" is designed to build math concepts and higher thinking skills through the use of manipulatives and discovery; ES comments included: "workbooks provide 'real math' skills practice", "gets students writing", "not just another workbook", etc.; available from A BRIGHTER CHILD, HOME LEARNER'S CATALOG, etc.

** MATHEMATICS PROGRAMS, INC. <http://www.greatpyramid.com> is a source for "Developmental Mathematics" -- a self-teaching, workbook program that progresses "level by level, through the basic elements of arithmetic into the beginnings of algebra and geometry"; similar to Singapore Math with one math concept per workbook.

** "Mathematics Their Way" (Addison Wesley) is a comprehensive, K - 2, hands-on math program which utilizes various manipulatives. The 400 + page manual includes instructions and reproducible worksheets -- very scripted; available from CREATIVE PUBLICATION, DALE SEYMOUR, etc.

** "Math In a Nutshell" products are boxed sets of discovery math materials -- topics in series include Geometry; Algebra; Multiplication and Division; Ratio, Proportion, and Percent; Measurement; Fraction Concepts; Money; Probability; Problem Solving; and Time (elementary/ middle school levels); from DELTA EDUCATION.

** "Math-It" is designed to teach basic math skills through the use of memorization and practice games; their drills are good for learning basic math operation facts; available from HOMESCHOOL BASICS.

** MATH-U-SEE, CALIFORNIA <http://www.mathusee.com> is a source for the multi-sensory, nontraditional, manipulative-based "Math-U-See" program; for Pre K - 12 -- from introductory math to trigonometry; video portion of curriculum found to be helpful; requires parental involvement; Placement tests are available on-line.

"Miquon Math" (by KEY CURRICULUM PRESS) is a K - 3 program that utilizes Cuisenaire rods and accompanying workbooks as integral parts of their instruction; available from publisher, HOME LEARNERS CATALOG, A BRIGHTER CHILD, HOMESCHOOL BASICS, etc.

** "Mondo Math" provides a music-based math learning resource (audiocassette tapes); available from various educational materials suppliers including A BRIGHTER CHILD, EDUCATION OUTLET (Sacramento), and THE REPORT CARD.

MORTENSEN MATH <http://www.mortensenmathdirect.com/> provides a multi-sensory math curriculum for students of all ability levels; "especially good for visual problem solving -- even visualizing algebra equation.

"Moving With Math" <http://www.afterschoolmath.com/> is a K - 8th math program designed to balance "manipulatives, practice, and problem solving"; from MATH TEACHERS PRESS, INC.

** "Musical Math Facts" (International Learning Systems) provide a multi-sensory approach to learning basic math facts; now available from MODERN CURRICULUM PRESS -PEARSON.

** SINGAPORE MATH.COM, INC. (formerly Family Things) <http://www.singaporemath.com> offers the K - 12 Singapore math and science learning products (K - 12); workbook format similar to "Keys To" series moves students quickly to more advanced math concepts; no teacher's edition available for primary grades.

** "Three Bear Family" provides hands-on activities related to counting, attributes, balancing, etc. Set includes manipulatives (3 sizes of bears in 4 colors), activity book and activity cards; available from educational materials suppliers.

** "Waldorf" math resources address all learning modalities -- visual, verbal, & kinesthetic learning modalities; helpful resources include: "Active Arithmetic" and

"Teaching Math in Rudolf Steiner Schools" (grades 1 - 8); available from RUDOLF STEINER.