



Web Sites

Supporting Mathematics Instruction

National Council for Teachers of Mathematics (NCTM)

<http://www.nctm.org>

Math principles and standards, frequently asked questions about mathematics education, links to other resources.

The Math Forum

<http://forum.swarthmore.edu/>

Math problems of the week, teacher suggestions, Dr. Math to enter questions and receive answers, math lesson plans. For elementary through the college level.

PBS Mathline

<http://www.pbs.org/mathline>

Online math lessons and activities organized by grade levels and math categories.

Mathematical Resources

<http://members.stratos.net/jetta/math1.html>

An online catalog of Internet sites organized into categories of lesson plans K-12, teaching resources, software, newsgroups, and listservs.

Internet Resources for Elementary Math Educators

<http://www.math.ttu.edu/~dmettler/title.html>

List of links to lesson plans, teacher resources, and software that support math education in the elementary grades.

Math.com

<http://www.math.com>

Everything math--Ask An Expert, homework help, calculators and converters, practice items and test preparation, games and puzzles. Put in a topic and get a list of resources.

Go Math

<http://gomath.com>

Free online math help for grades K-12. Tutorials, quizzes, geometry and algebra solutions, lessons and worksheets.

Math Archives

<http://archives.math.utk.edu>

From the University of Tennessee, Knoxville. K-12 math topics, lesson plans, Public Domain software, contests.

Fun Math Lessons, by Cynthia Lanius

<http://math.rice.edu/~lanius/>

K-12 math lessons on topics such as ratio, fractions, graphs.

A+ Math

<http://www.aplusmath.com>

Math flashcard creator, math games, homework helper where students input problems and answers, and site will figure if correct.

Discovery School's Webmath

<http://www.school.discovery.com/homeworkhelp/webmath>

Assistance with math problems, explanations of how they are solved.

Mrs. Glosser's Math Goodies

<http://www.mathgoodies.com>

Math lessons, homework help, worksheets and puzzles designed to meet NCTM standards.

Math Stories

<http://www.mathstories.com>

2,000 math word problems, grades 1-5, sorted by topic and level of difficulty. Answers are provided for teachers.

Helping Your Child Learn Math

<http://www.ed.gov/pubs/parents/Math/>

For parents of students in grades K-5. Math activities that relate math to everyday life, using readily available materials.

Kids Math

<http://www.kidsmath.com/>

Math lessons, exercises, and games for ages 3 to 12. Available in English, Spanish, and Chinese.

Word Problems for Kids

<http://www.stfx.ca/special/mathproblems/welcome.html>

Single step and multi-step word problems for grades 5 to 12, based on real-world dilemmas.

Mastering Multiplication Facts

<http://www.multiplication.com>

Strategies, activities, games, and worksheets to help teach the multiplication facts.

Math for Kids: A Medieval Adventure in Problem-Solving

<http://tqjunior.advanced.org/4471>

Word problems for grades 4-5 with a medieval theme; tutorial on how to solve word problems.

Flashcards for Kids

<http://www.edu4kids.com/math/>

Online drill and practice in the four arithmetic processes.

Math Nerds

<http://www.mathnerds.com/>

Help for teachers and students on math questions, ranging from elementary level to differential equations; a “best” section to view problems posed and solutions offered.

Fun Brain

<http://www.funbrain.com>

An interactive site where students can use their math skills to solve problems and play games such as math baseball and math car racing. For K-8 teachers and students.

Brain Teasers

<http://www.eduplace.com/math/brain/index.html>

For ages 8 to 14, with three new math problems each week, arranged by grade level. Answers for the previous week’s brain teasers are posted.

Newton’s Window

<http://www.suzannesutton.com/>

Online newsletter for teachers, students, and parents. Weekly math challenge and topic-centered bulletin boards.

Eisenhower National Clearinghouse for Math and Science Education

<http://www.enc.org/>

Descriptions of exemplary mathematics instructional programs from elementary school to college.

Math Teacher Link

<http://MTL.math.uiuc.edu/>

Online classroom resources for algebra, geometry, calculus, and probability.

Algebra Help

<http://www.algebrahelp.com>

Online source for assistance with algebra, very text-based.

Geometry: The Online Learning Center

<http://www.geometry.net>

Math help desk, geometry applications in other fields, a math search engine for middle and high school grades.

Do Your Math

<http://www.doyourmath.com>

Math expert, puzzle of the week, interactive practice tests for the SAT, AP, and Calculus.

Ask Mr. Calculus

<http://www.geocities.com/Athens/Acropolis/6432/>

Help with problems from classes in beginning calculus, trigonometry, geometry, and algebra. Sample Advanced Placement (AP) Calculus Exam problems and solutions.

Explore Math

<http://www.exploremath.com>

Free membership to a collection of math lesson plans and activities at the high school level.

MegaMathematics

<http://www.c3.lanl.gov/mega-math>

Math site sponsored by the Los Alamos National Laboratory, features explanations and lesson activities on unusual math topics such as infinity, map coloring, and knots. Links to other resources and articles.

KnowZone

<http://www.kz.com>

A subscription-based online tool that helps students in grades 3 through 8 prepare for standardized math tests. It also provides reinforcement for text material in Scott-Foresman, Silver Burdett Ginn, and Prentice Hall mathematics textbooks. It is accessible to students, parents, and teachers.

The Math Projects Journal

<http://www.mathprojects.com>

A subscription-based online magazine that emphasizes teaching math concepts with real-life objects (for examples, using M & M's for statistics).

Algebra Online

<http://www.algebra-online.com>

A fee-based tutoring service.

StudyWorks Online

<http://www.studyworksonline.com>

A math site for middle and high school students containing some free elements and some fee-based components. Test practice, homework help, math problems of the week, math bulletin boards for posting problems and receiving feedback on solutions.

For good math sites for students, also go to **www.yahooligans.com**