

## Math Resources



Ask Dr. Math

<http://mathforum.org/dr.math/>

AAA Math

<http://www.aaamath.com/index.html>

Cool Math 4 Kids

<http://www.coolmath4kids.com/index.html>

A Middle School Math Website

<http://students.resa.net/stoutcomputerclass/1math.htm>

Cool Math Sites

<http://cte.jhu.edu/techacademy/web/2000/heal/mathsites.htm>

The Math Forum <http://mathforum.org/>

The Math Forum is a one-stop Internet site for all your math needs. It offers: Math problems, tricks, tips, puzzles; math resources by subject; problems of the week & Teacher2teacher.

Math Fact Cafe

<http://www.mathfactcafe.com/home/>

Math Sites

<http://www.kidskonnnect.com/MathSites/MathSites.html>

National Library of Virtual Manipulatives

[http://matti.usu.edu/nlvm/nav/category\\_g\\_1\\_t\\_1.html](http://matti.usu.edu/nlvm/nav/category_g_1_t_1.html)

Illuminations

<http://illuminations.nctm.org/index.aspx>

Purple Math- Your algebra resource

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

Smile Program Math Index

<http://www.iit.edu/%7Esmile/mathinde.html>

ExploreMath.com

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

Webmath

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

Basket Math Interactive Learning  
<http://www.scienceacademy.com/BI/>

Visual Fractions <http://www.visualfractions.com> A tutorial that offers instruction and practice in identifying, renaming, and operating on fractions.

Absurd Math - High School (Pre-Algebra) <http://www.learningwave.com/abmath/>  
Absurd Math is an interactive mathematical problem solving game series. The player proceeds on missions in a strange world where the ultimate power consists of mathematical skill and knowledge. Many of the pages have hidden clues and areas.

Karl's Calculus Tour  
<http://www.karlscalculus.org/>

Calculators  
<http://www.coolmath.com/calculators/index.html>

Manipula Math with Java  
<http://www.ies.co.jp/math/java/>

Kids' Place Brain Teasers  
<http://eduplace.com/math/brain/>

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

Grades 9-12 Data Analysis and Probability  
<http://www.mste.uiuc.edu/stat/>

BEATCALC: Beat the Calculator!  
<http://mathforum.org/k12/mathtips/beatcalc.html>

Harcourt Math Glossary  
[http://www.harcourtschool.com/glossary/math\\_advantage/glossary8.html](http://www.harcourtschool.com/glossary/math_advantage/glossary8.html)

Daily Math - middle and high school- <http://www.learner.org/exhibits/dailymath>  
Join us as we explore how math can help us in our daily lives. In this exhibit, you'll look at the language of numbers through common situations, such as playing games or cooking. Put your decision-making skills to the test by deciding whether buying or leasing a new car is right for you, and predict how much money you can save for your retirement by using an interest calculator. Hands-on activities included.

M & M Site for graphing- <http://global.mms.com/us/about/products/index.jsp>  
Use this site to compare what colors of M & Ms your class found in bags of M & Ms and what colors of M & Ms should have been in the bag

Funbrain <http://www.funbrain.com>- Subjects include Math, Language Arts, Science, History, Music, Geography, Art, Technology, and PE. *Ages 6 & under to 17 & up.*

A Plus Math- <http://www.aplusmath.com> - This web site was developed to help students improve their math skills interactively.

Worksheet Generator for Algebra  
[http://www.math.com/students/worksheet/algebra\\_sp.htm](http://www.math.com/students/worksheet/algebra_sp.htm)

Conversion from anything to anything - [http://www.chemie.fu-berlin.de/chemistry/general/units\\_en.html](http://www.chemie.fu-berlin.de/chemistry/general/units_en.html) – site sponsored by the Institute of Chemistry.

Calculus Graphics – <http://www.math.psu.edu/dna/graphics.html> - Excerpts from a collection of graphical demonstrations a teacher developed for first year calculus. She used many such demonstrations to illustrate and enrich her classes in the McAllister Technology Classroom. Those interested in higher math may also want to visit the page of graphics for complex analysis off of this site.

Women in Mathematics - <http://www.math.umd.edu/~wim/>

Moneyopolis -This is an educational Web site for children *in grades six through eight*. The site was created to ensure that American school children have an opportunity to learn basic financial planning concepts. Accompanying the Web site are materials for math teachers to support them in assisting children as they use the site. <http://www.moneyopolis.com/>

Word Problems– *Grades 5-12* – THIS IS NOT A TEST, but a set of carefully selected problems which can help you improve your problem solving skills -if you try to carefully think about how you would solve each problem, and once you have found the solution, you make sure that you understand all parts of the solution. You can try any problem you like and if the problem is a little difficult you can get helpful hints by following the hints link. This uses the same questions and is not interactive. – <http://www.stfx.ca/special/mathproblems/welcome.html>

Tools for Understanding - *Intermediate and Middle* - How to use spreadsheets, word processors, etc. in the Math Classroom.-  
<http://www.ups.edu/community/tofu/lev1f/conframe.htm>

The Million Dollar Mission  
<http://math.rice.edu/%7Elanius/pro/rich.html>

Mathematics Lessons

<http://math.rice.edu/%7Elanius/Lessons/>

Math Newsletter

<http://www.microsoft.com/education/vctmath.aspx>

New York Times Mathematics Lessons

<http://www.nytimes.com/learning/teachers/lessons/mathematics.html>

Teach-nology.com's Math Lesson Plans

[http://www.teach-nology.com/teachers/lesson\\_plans/math/](http://www.teach-nology.com/teachers/lesson_plans/math/)

Mathguide <http://mathguide.com/>

A dynamic, global mathematics resource center available to students, parents, teachers and those who have inquisitive minds.

Create a Graph

<http://nces.ed.gov/nceskids/Graphing/index.asp>

To Excel in the Classroom is Elementary

<http://www.forsyth.k12.ga.us/kadkins/spreadsheet.htm>

Learning Microsoft Excel

<http://www.extension.iastate.edu/Pages/Excel/>

How to Use Microsoft Excel

[http://www.neisd.net/tcea/excel/how\\_to\\_use\\_excel.doc](http://www.neisd.net/tcea/excel/how_to_use_excel.doc)



Resources: Classroom Connect & The Best Web Sites for Teachers by Vicki Sharpe