

Math Websites

Category	Website	Description
Building Manipulatives	http://web.telia.com/~u16122508/proglego.htm	Download this freeware program for building virtual models with Lego-like bricks.
	http://www.lego.com/en-US/default.aspx	A free online virtual Lego land.
Calculators	http://www.artyastro.com/calculator.htm	The conversion calculator allows students to easily convert from English to Metric units. The calculator can be downloaded.
	http://www.sensorysoftware.com/bigcalculator.html	A free basic calculator that can be adjusted for really big buttons and has a text to speech feature.
	http://www.macropodsoftware.com/koalacalc/index.html	A free scientific calculator for Mac OS X and Mac OS 9.
	http://www.moffsoft.com/freecalc.htm	Moffsoft free calc is a great replacement for your existing Windows [®] calculator. You can adjust the size and color schemes, and has a simulated paper tape display.
	http://go.hrw.com/hrw.nd/gohrw_rls/1/pKeywordResults?keyword=Mb1+Tools	Has an online graphing, scientific and sequences calculators.

Math Websites

Calculators	http://goldfishsoft.com/algekalk.html	AlgeKalk allows you to factor numbers, convert decimals to fractions and find algebra-style square roots.
	http://goldfishsoft.com/frakkalk.html	Can add, subtract, multiply, and divide large fractions without having to convert from decimal form. Gives the results of its operations as simplified fractions, freeing you from the annoying and error-prone process of simplifying them yourself.
	http://www.convertit.com/Go/ConvertIt/	Basic online collection of conversion tools.
	http://www.ecalc.com/	Windows desktop versions of our basic and scientific calculators are free to download!!!! It's completely free and it runs on your computer without requiring an internet connection. They feature large buttons for easy mouse navigation, and a large character display that is easy to read. The calculators also include standard keyboard entry for those who prefer non-mouse entry.
	http://www.oatsoft.org/Software/big-calculator/?searchterm=big%20calculator	Download big calculator for windows.
Dictionaries and Help Guides	http://www.harcourtschool.com/glossary/math2/index_temp.html	Provides basic definitions of math terms, along with text to speech so students can hear the definitions and visualizations.
	http://www.teachers.ash.org.au/jeather/maths/dictionary.html	Great math dictionary for little kids with simple definitions, pictures and drawings.

Math Websites

Dictionaries and Help Guides	http://www.purplemath.com/modules/translat.htm	Vocabulary to help you translate word problems.
	http://www.teachers.ash.org.au/jeather/maths/dictionary.html	Math dictionary for kids.
	http://www.techmatrix.org/matrix.aspx?s=128&ls=122	A matrix of tools to use for math.
	http://udltechtoolkit.wikispaces.com/Math+tools	UDL toolkit for math solutions.
Fractions	http://www.visualfractions.com/	Includes online tools for learning fractions, PowerPoint's to help teach fractions, downloadable worksheets and downloadable software for creating circle fractions.
	http://visualfractions.com/add.htm	An online fraction tutorial that helps with the following processes: identifying fractions, renaming fractions, comparing fractions, adding fractions, subtracting fractions, multiplying fractions, and dividing fractions.
Geoboards	http://illuminations.nctm.org/LessonDetail.aspx?ID=L554	Students can explore making their own Geoboards.

Math Websites

Graph Paper	http://www.incompetech.com/	Printable graph, alternate paper, note taking paper, calendars, and other student supports.
	http://www.graphtablet.com/graphtablet.html	A free program for creating custom graph paper.
Higher Level Math	http://go.hrw.com/math/midma/gradecontent/manipulatives/Algebra_Tiles/Algebra_Tiles.html	Algebra tiles to help with solving problems.
	http://www.geogebra.org/cms/	Free and multi-platform dynamic mathematics software for schools that joins geometry, algebra and calculus.

Math Websites

Math Resources for all Ages	http://nlvm.usu.edu/	National library of virtual manipulatives has uniquely interactive, web-based virtual manipulatives or concept tutorials for K-12 mathematics instruction.
	http://illuminations.nctm.org/	Pre-k – 5 grade collection of online, standard-based virtual manipulatives and lessons, to make math come alive in the classroom and at home.
	http://www.crickweb.co.uk/	Free to use educational interactive resources for Primary Schools. There are fun games for children aged 4 – 11 with over 100 links to other free interactive, image and software resources.
	http://boston.k12.ma.us/teach/technology/select/index.html	Resource site of virtual manipulatives. They align virtual manipulatives and visualizations with curriculum standards.
	http://www.explorellearning.com/	Extensive online set of mathematic simulations and visualizations from 3 grade to college.
	http://www2.smarttech.com/st/en-US/Support/Downloads/SBS/Windows/SBSv97Win.htm	Essentials for Educators software has tons of interactive activities to use with the Smartboard. Includes a collection of virtual math tools. Students can run the software on their own computers to practice mathematical concepts.
	http://eduscapes.com/sessions/smartboard/	Interactive activities for elementary, middle, high and secondary math skills. Includes links to a variety of simulations and visualizations.
	http://www.mathplayground.com/mathtv.html	Math TV is a project whose goal is to help middle school students learn how to solve challenging word problems. Each of the nineteen math problems comes with step by step video solution.

Math Websites

Math Resources for all Ages	http://www.mathsisfun.com/	Site covers elementary and middle grades and provides opportunities for skills practice. It has a diverse selection of activities.
	http://aaamath.com/index.html	Highly informative and interactive tutorials available in grades k-8 which has hundreds of pages of basic math skills and interactive practice.
	http://www.aplusmath.com/	Developed to help students improve their math skills interactively. You can use the interactive math tables, can enter your own problems, create custom electronic and printable flash cards and can print worksheets to work offline.
	http://www.abc.net.au/countusin/default.htm	Games to help students understand basic number concepts.
	http://arcytech.org/java/	This site offers lessons and online activities and games for: Money, time, pattern blocks, base 10 blocks, integer bars, fraction bars, Pythagorean Theorem, Pi and fractals.
	http://standards.nctm.org/document/examples/	Pre-k through 12 grade online applets for many math skills.
	http://www.ngfl-cymru.org.uk/vtc/simple_patterns/english/Introduction/default.htm	Students look at color patterns, shape patterns and picture patterns using Welsh emblems. They have the opportunity to finish off patterns which have been started using colors, shapes and pictures. They can create their own color patterns using a worksheet of different shapes repeating patterns of an ABAB design, and then to an AABAAB design.
	http://www.oswego.org/ocsd-web/games/spookyseq/spookyseq5.html	In the Spooky Sequence activity, a sequence of ghosts with numbers appears with one ghost missing a number. The student uses the number buttons to fill in the ghost's missing number.

Math Websites

Math Resources for all Ages	http://www.crickweb.co.uk/assets/resources/flash.php?&file=npmenu	163 free to use educational interactive resources for Primary Schools, 15 free to use fun games for children aged 4 – 11 and over 100 links to other free interactive, image and software resources.
	http://www.cut-the-knot.org/front.shtml	Tons of math activities and games for all ages and academic levels.
	http://www.sosmath.com/	S.O.S. Mathematics is your free resource for math review material from Algebra to Differential Equations! The perfect study site for high school, college students and adult learners. Browse more than 2,500 Math pages filled with short and easy-to-understand explanations. Covers the following subject areas: Algebra, Trigonometry, Calculus, Differential Equations, Complex Variables, Matrix Algebra, or Mathematical Tables.
	http://math.rice.edu/~lanius/Lessons/index.html	Math lessons and activities for all students.
	http://www.wested.org/cs/tdl/view/tdl_subtip/9	Many links to virtual manipulatives and tools for math.
	http://www.planetkidz.tv/just4kidz/zerogravitygames/rubicscubegame/tabid/336/language/en-us/default.aspx	Rubik's cube game.
	http://www.youcandothecube.com/downloads/math-lessons/sample-geometry-lesson.pdf	Rubik's cube geometry lesson plans.

Math Websites

Math Resources for all Ages	http://webmath.com/	Online math helper. Assist students solve math problems.
	http://www.ios-software.com/?page=proj&quoi=30&lg=AN	Little Geometry is a very simple geometry toolkit. It has been designed to help children with disabilities to make their geometry exercises.
Math for Visual Impaired	http://www.tsbvi.edu/math/	Ideas and recommendations for helping students with visual impairments learn math concepts.
Money	http://www.practicalmoneyskills.com/english/index.php	Good resource for student who are learning or struggling with money concepts. Many lessons, online games and offline activity ideas are provided.
Rulers and Protractors	http://www.desktopruler.com/products-dr.htm	Can customize the size, colors, transparency, orientation, scale, measuring units, resolution; double-click actions, behavior, and display of additional information... Free for 30 days.
	http://www.svet-soft.com/ruler.shtml	The program features a vertical or horizontal orientation, dynamic length, customizable colors, and the ability to remain on top of all windows.
Rulers and Protractors	http://www.amblesideprimary.com/ambweb/mentalmaths/protractor.html	Teachers can do interactive activities to demonstrate the use of protractors to groups.

Math Websites

Solving Math Problems	http://www.webmath.com/	For K – Higher Ed. It offers instant solutions and explanations for math problems, step by step instructions for solutions and students can enter any problem and find the solution.
	http://www.algebrahelp.com/calculators/	Online tool that helps students solve math problems. Can be read aloud by screen readers.
	http://hotmath.com/	Provides online help and guidance for math problems in most text books.
	http://www.algebrasolver.com/index.shtml	An interactive, algebraic problem solver and graphing tool.
	http://www.wolinskyweb.net/measure.htm	A collection of interactive sites on the web that estimate, calculate, evaluate, or translate. They do the work for you.
	http://www.pasd.wednet.edu/school/mathWASL/kall.htm	Open-ended word problems for EVERY grade level.
	http://www.webgraphing.com/	Online equation-graphing environment, from simple to advanced calculations.
Videos	http://teachertube.com/viewVideo.php?video_id=24266	Mr. Duey's fractions rap.
	http://www.teachertube.com/viewVideo.php?video_id=13005	Multiplying integer's video.
	http://www.teachertube.com/viewVideo.php?video_id=88382	Multiple decimals by whole numbers video.