

Technology Resources for Math



Math Internet Resources		
Virtual Manipulatives	Utah State University National Library of Virtual Manipulatives	http://matti.usu.edu
	Explore Learning Gizmos	http://www.explorelearning.com/
	Pattern Blocks, Fractions, Shapes	http://www.best.com/~ejad/java/patterns
	Visual Fractions	http://www.visualfractions.com
	Educational Java Programs	http://www.arcytech.org/java
	NCTM manipulative applets	http://standards.nctm.org/document/eexamples
	Math and Puzzles	http://www.cut-the-knot.org/front.shtml
	Tangrams	http://www.tangram.ip.com
	Middle School Math	http://www.kenton.k12.ky.us/TR/msmath.htm
	BBC Math Games	http://www.bbc.co.uk/education/mathsfile/index.shtml
	General Resources	Tangible Math and Math ToolBox
Technical Tutoring- general information		http://www.hyper-ad.com/tutoring/Default.htm
SOS Math		http://www.sosmath.com/
Cynthia Lanius- Rice Math Lessons, links and manipulatives		http://math.rice.edu/~lanius/Lessons/index.html
NCTM		http://www.nctm.org/
Math Forum		http://mathforum.org/
Microsoft Math		http://www.microsoft.com/education/?ID=LessonPlansResults&LearningArea1=mathematics
Mathsnet		http://www.mathsnet.net/
Score Mathematics		http://score.kings.k12.ca.us/lessons.html
Georgia Tech Barrier Free Education		http://barrier-free.arch.gatech.edu/index.html
Resource Room Math		http://www.resourceroom.net/math/index.asp
LD Online		http://www.ldonline.com
LD Resources		http://www.ldresources.com
AAA Math		http://www.aaamath.com/

REGION Technology Resources for Math

Equation Editor (built-in Microsoft Office feature) Resources	
MathType is for-purchase software by Design Science that is a powerful extension of Equation Editor	http://www.dessci.com
Equation Editor Tips and tricks	http://www.dessci.com/en/products/ee/ee_tips.htm
MathTalk is a voice activated math support software program by Metroplex Voice Computing	http://www.mathtalk.com
how to integrate Equation Editor into PowerPoint	http://www.indezine.com/products/powerpoint/addin/eqeditor.html
Equation Editor info, tutorials including video	http://ist.uwaterloo.ca/ec/equations/equation.html
General tutorial and examples	Http://www.spot.pcc.edu/~ssimonds/thisandthat/msword.htm

Utilizing Microsoft Office Equation Editor

1. Click on <Insert>
2. Select <Object>
3. Select <Microsoft Equation>
4. Select <OK>
5. An equation toolbox will appear. Utilize “click and drop down” to access math symbols and tools. Click in your MS Office document to paste the equation.

$$24x^2 + 26x + 6 = 0$$

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High Tech Tools		
DANA	Portable word processor with Palm OS software; utilize existing spreadsheet/database software and/or down load commercial software math programs	http://www.alphasmart.com
Calculuscribe	Portable word processor and interactive calculator that lets you do math (arithmetic, algebra and trig) in a word-processing-like environment	http://www.calculuscribe.com
MathType Software	A powerful commercial product that is an extension of Equation Editor	http://www.dessci.com
Riverdeep Software	<ul style="list-style-type: none"> • Tangible Math and Math Toolbox – grades 6-12 • Mighty Math Series- basic concepts up to algebra and geometry • Destination Math- K-12 • Millie's Math House- basic concepts 	http://www.riverdeep.com (Search for products by name)
Intellitools Software	<ul style="list-style-type: none"> • Math Concepts 1 and 2: beginning math concepts and interactive game format • IntelliMathics: virtual manipulative, several formats (base, 10, fraction bars, tangrams, etc.) • MathPad: electronic worksheet for basic math, voice output • MathPAD+: electronic worksheet for fractions and decimals, voice output, virtual manipulatives 	http://www.intellitools.com
MathTalk	Voice Activated/Speech Recognition computer based calculator and other math program	http://www.mathtalk.com
Calculators	Barrier Free Education-descriptive table of various accessible calculators	http://barrier-free.arch.gatech.edu/Tools/calc.html
	Coinulator, Coin Abacus, Money Calc	http://www.parentbanc.com
	Computer Graphing and Scientific	<ul style="list-style-type: none"> • http://www.viewplustech.com • http://www.independentliving.com/ (click on calculators)
	Talking Calculators	<ul style="list-style-type: none"> • http://www.superproducts.com (click on Talking Calculators) • http://www.independentliving.com/ (click on calculators) • http://www.maxiaids.com/Scripts/prodList.asp?idCategory=71
	Large Key Calculators	<ul style="list-style-type: none"> • http://www.enablemart.com/products_detail.asp?id=369 • http://www.enablemart.com/products_detail.asp?id=699 • http://www.sharpelectronics.com/products/ModelLanding/0,1058,923.00.html

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Microsoft Office Excel (Microsoft Office Spreadsheet Program) Resources	
Excel math and statistics functions	http://www.geol.pdx.edu/ComputerLab/ExcelFunctions.html
Excel tutorial	http://www.willard.k12.mo.us/co/tech/Document/excel.pdf
Excel tutorial	http://www.usd.edu/trio/tut/excel/
Resources, templates, links, tutorials	http://www.sabine.k12.la.us/class/excel_resources.htm
Formulas	http://www.barasch.com/excel/xlformulas.htm
Microsoft- search for lessons, tutorials, etc.	http://www.microsoft.com/education/?ID=InnovativeTeachers
Microsoft Excel tutorial	http://www.microsoft.com/education/?ID=Excel2002Tutorial
Excel info from the “business” supports	http://www.microsoft.com
General info, tutorials, links, lessons	http://www.lttechno.com/links/spreadsheets.html
Lessons, links	http://www.kn.pacbell.com/wired/fil/pages/listspreadshca.html
Microsoft Excel Spreadsheet example- Code Crackers	http://www.microsoft.com/education/?ID=codecrak#stepA

Low Tech Tools	
MathLine	http://www.howbrite.com/products/tools/intermediate_tools.asp
Slide Abacus, Bead Frame Abacus	http://www.hatchstuff.com
Algeblocks and many other manipulatives	http://etacuisenaire.com
Low Tech tools for Inclusive Education- Math	http://www.onionmountaintech.com/Kit.php?id=15
Manipulatives and games	http://www.leaningresources.com/
Wikistix waxed string manipulative, use with geometry and graphing	http://www.wikistix.com
Raised line paper (turn horizontal to assist with alignment)	http://www.pfot.com
Various math products (Hot Dots Flash Cards)	http://www.pccatalog.com/

Technology Resources for Math

The logo for Region IV is a stylized 'V' shape. The top horizontal bar of the 'V' is labeled 'REGION' in a bold, sans-serif font. The vertical stem of the 'V' is a solid grey bar. The two diagonal arms of the 'V' are white and contain a grey silhouette of the state of Texas. A small five-pointed star is positioned in the center of the state map, representing Austin.

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