

Lesson Planning Resources

A list of resources that provide a collection of lessons and instructional activities to implement using technology.

Smartboard Files

<http://eduscapes.com/sessions/smartboard/>

<http://its.leesummit.k12.mo.us/smartboard.htm>

<http://www.cobbk12.org/sites/literacy/math/smartrap/rapindex.htm>

<http://exchange.smarttech.com/search.html?sbj=math>

PowerPoint Files

<http://www.pppst.com/math.html>

<http://www.worldofteaching.com/mathspowerpoints.html>

<http://mathbits.com/mathbits/ppt/powerpoint.htm>

Videos

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

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

<http://streaming.discoveryeducation.com/>

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

http://www.gamequarium.org/dir/SqoolTube_Videos/Math/

What's Next?

Resources that would be good for future purchase!

For Use with iPhones, iPod Touch, or iPad

Monkey Math: A basic math facts program

Long Multiplication: A 3-digit by 2-digit (and higher) multiplication program

Penguin the Geometry Teacher: A geometric shapes program

Instructional Software/Programs

Reader Rabbit Math Adventure: A critical thinking math program

Zoombini's Logical Journey: A logic development program

Online Subscriptions/Software

24game.com

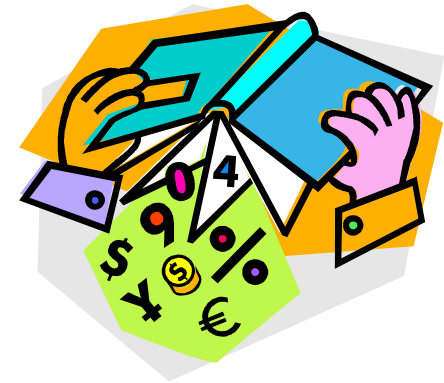
Educationcity.com



Cobb County School District

Math and Technology

Taking Intermediate Students to the Next Level



A guide to implementing technology into math instruction in grades 3 to 5

This flyer was created by
Jena Parish

What's Already Available?

Software That is On Our Computers Right Now!

Exemplars

A program that provides performance-based instruction and assessment. It includes anchor papers and rubrics. Tasks are real-world based to engage and promote student learning.

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

FASTT Math

A program that develops fluency in basic math facts. Lessons are 10-minutes long and provide differentiated instruction. It covers basic math facts from all operations from 0 -12. It is also available in English and Spanish.

Reports available for printing.

<http://www.tomsnyder.com/fasttmath/index.html>

Fraction Nation

A program that develops fluency in fraction. There are 64 15-minute long lessons. Reports available for printing.

<http://www.tomsnyder.com/FractionNation/index.asp>

Geometer's Sketchpad

A program used to explore interactive geometry and other math concepts. It allows students to create geometric constructions. Students can animate objects as well as measure segments, angles, area, etc.

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

Go Solve Word Problems

A problem that allows students to solve word problems using graphic organizers. It is a self-paced program. Software support and printable reports are available.

<http://www.tomsnyder.com/products/product.asp?sku=gosgos>

MegaMath

A program that correlates with the students' math textbooks. Programs are animated and linked directly to the math textbook (student and teacher edition)

<http://www.tomsnyder.com/products/product.asp?sku=gosgos>

What's Available Online?

Free Internet Resources for Students

Virtual Manipulatives

Interactive tools that allow students and teachers to represent abstract concepts in a concrete way.

National Library of Virtual Manipulatives (Grades 3–5)

http://nlvm.usu.edu/en/nav/grade_g_2.html

Math Playground

http://www.mathplayground.com/math_manipulatives.html

ABC Ya! - Fraction Tiles

http://www.abcya.com/fraction_tiles.htm

Base Ten Blocks

<http://ejad.best.vwh.net/java/b10blocks/b10blocks.html>

Games

Engaging and fun activities that allows students to apply or practice their mathematical skills

Gamequarium

<http://www.gamequarium.org/dir/Gamequarium/Math/>

Funbrain Math Arcade

<http://www.funbrain.com/brain/MathBrain/MathBrain.html>

A Plus Math

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

Mr. Nussbaum's Math Lab

<http://www.mrnussbaum.com/mathcode.htm>

Utah Education Network

<http://www.uen.org/3-6interactives/math.shtml>

Instruction

Programs that support math instruction and provide lessons to students

AAA Math

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

Visual Math Learning

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

Cool Math 4 Kids

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

Math Goodies

[http://www.mathgoodies.com/lessons/](http://www.mathgoodies.com/lessons/Mathematics%20Lessons%20by%20Cynthia%20Lanius)
Mathematics Lessons by Cynthia Lanius

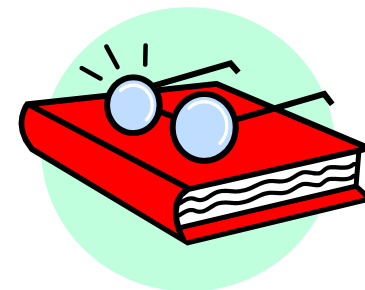
<http://math.rice.edu/~lanius/Lessons/>

Math Wire

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

Professional Reading

Articles About Math Instruction and Technology



How to Integrate Math and Technology

http://findarticles.com/p/articles/mi_qa3666/is_200401/ai_n9397593/

Math Equations in Word and PowerPoint

http://www.powertolearn.com/articles/teaching_with_technology/math_equations_in_word_and_powerPoint.shtml

Using Technology in the Elementary Classroom

<http://www.edzone.net/~mwestern/elemath.html>

The Impact of Education Technology on Student Achievement

http://www.waynecountyschools.org/150820127152538360/lib/150820127152538360/impact_on_student_achievement.pdf

How Exemplary Computer-Using Teachers Differ from Other Teachers

<http://www.citejournal.org/vol1/iss2/seminal/article1.htm>

Teaching with Technology

<http://www.nowhereroad.com/twt/>

