

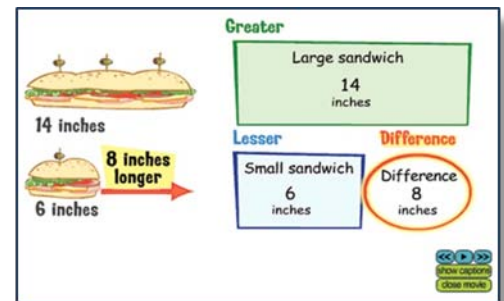
Math

Start by looking at your state's grade level expectations in math skills. The following are for Florida.

1. Sunshine State Standards in Math - <http://www.floridastandards.org/downloads.aspx>
2. FCAT Math Sample Tests - <http://fcad.fldoe.org/fcatitem.asp>
3. FCAT Released Math Tests - <http://fcad.fldoe.org/fcatrelease.asp>

Math Basics

1. GPAT Assistive Technology Resource Chart for Math - http://www.gpat.org/GPAT%20Resource%20Topic%20Pages/Math_Chart.pdf
2. LoTTIE Kit for Math - <http://www.onionmountaintech.com/kit.php?id=15> . simple technology support for math
3. FASTT Math – <http://www.tomsnyder.com> . software that targets the development of fluency in addition, subtraction, multiplication, and division
4. Go Solve – <http://www.tomsnyder.com> . uses graphic organizers to help students plan for solving word problems in addition, subtraction, multiplication, and division (*see illustration*)
5. Classroom Suite (IntelliMathics) – <http://www.intellitools.com> . includes animation, manipulatives, text-to-speech, and multimedia to demonstrate basic math concepts with multiple access options
6. Kidspiration (Win . Mac) - <http://www.kidspiration.com/Kidspiration> . includes interactive visual math tools to help students learn basic math concepts
7. Brainchild - <http://www.brainchild.com/> . math assessment and learning tools
8. That Quiz - <http://www.thatquiz.org/> . online math assessment service

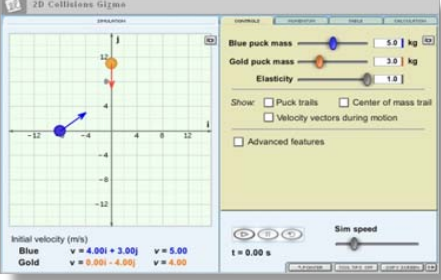


Calculators

1. Big Calculator (Win) - <http://www.sensorysoftware.com/bigcalculator.html> . a free basic calculator that can be adjusted for really big buttons
2. Metacalc - <http://www.metacalc.com/> . free online calculator in various sizes
3. ecalc - <http://www.ecalc.com/> . free online calculator with basic, scientific, and unit conversion modes
4. KoalaCalc (Mac) - <http://www.macropodsoftware.com/koalacalc/index.html> . free simple and scientific mode calculator
5. MoffSoft FreeCalc (Win) - <http://www.moffsoft.com/freecalc.htm> . a great basic calculator with adjustable size and color schemes, and a simulated paper tape display
6. Online Calculators and Algebra Tools - http://go.hrw.com/hrw.nd/gohrw_rls1/pKeywordResults?keyword=Mb1+Tools . several algebra support tools
7. Calculate for Free - <http://www.calculateforfree.com/> . extensive set of various calculation tools
8. Broken Calculator – http://seeingmath.concord.org/broken_calculator . online simulation of a broken calculator. Students must think through how to solve problems using the keys available

Virtual Manipulatives/Simulations

1. InspireData – <http://www.inspiration.com> . applies proven strategies of visual learning to data literacy
2. Visual Fractions - <http://www.visualfractions.com/> . includes online tools for learning fractions

3. Illuminations - <http://illuminations.nctm.org/> . a collection of online, standard-based virtual manipulatives and lessons
 4. NLVM – <http://nlvm.usu.edu/en/nav/vlibrary.html> . collection of online manipulatives and visualizations for all grade levels
 5. Explore Learning – <http://www.explorellearning.com> . extensive online set of mathematic simulations and visualizations (*see illustration*)
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6. SELECT Math - <http://boston.k12.ma.us/teach/technology/select/index.html> . aligns virtual manipulatives and visualizations with standards
 7. GeoGebra - <http://www.geogebra.org/cms/> . virtual tools for geometry, algebra, and calculus
 8. Eduscapes - <http://eduscapes.com/sessions/smartboard> . includes links to a variety of simulations and visualizations
 9. Virtual Geoboard - <http://illuminations.nctm.org/LessonDetail.aspx?ID=L554>
 10. Virtual Ruler - <http://www.desktopruler.com/products-dr.htm>
 11. Virtual Protractor - <http://www.downloadjunction.com/product/store/15482/index.html>

Homework Helpers

1. Free Online Graph Paper . <http://incompetech.com/graphpaper/> . free online PDFs of various graph papers. includes an online generator so you can create customized graph paper and print it out
2. GraphTablet (Win) - <http://www.graphtablet.com/graphtablet.html> . free graph paper printer
3. Animated Math Dictionary - http://www.harcourtschool.com/glossary/math2/index_temp.html . provides written and audio definitions of math terms
4. A Math Dictionary for Kids – <http://www.teachers.ash.org.au/jeather/maths/dictionary.html>
5. Translating Word Problems - <http://www.purplemath.com/modules/translat.htm> . keywords to help with word problem translation
6. MathWay - <http://www.mathway.com/> . online tool for solving math problems
7. WebMath - <http://www.webmath.com/> . online tool that helps students solve math problems. from general math through calculus
8. Algebra Help – <http://www.algebrahelp.com/calculators> . algebra support tool
9. Conversion Tools – <http://www.convertit.com> . basic online collection of conversion tools
10. Equation Wizard (Win) - <http://www.equationwizard.com/> . algebraic equation solver software. trial version good for 30 equations
11. Microsoft Math - <http://www.microsoft.com/math/default.mspx> . an all-in-one math homework solution. solve equations, graph functions, use a fully-functional graphing calculator, solve triangles, and convert standard units
12. WebGraphing - <http://www.webgraphing.com/> . online equation-graphing environment, from simple to advanced calculations

Accessibility Support

1. MathPad & MathPad Plus - <http://www.intellitools.com/> . support for doing arithmetic directly on a computer
2. Scientific Notebook - <http://www.mackichan.com/> . math writing environment for the computer
3. MathTalk - <http://www.metroplexvoice.com/> . speech-to-math processor. requires Naturally Speaking
4. MathType - <http://www.dessci.com/en/products/mathtype/> . full featured equation editor
5. Microsoft Office Equation Editor 2007 - http://blogs.msdn.com/microsoft_office_word/archive/2006/10/04/Equations-in-Word-2007.aspx . includes video examples of how to use the new equation editor in WORD 2007