

Math Virtual Manipulative Websites and Activities

These are the ideas taken from a Blog posting on October 11, 2010 (District In-service). No spelling or grammar was checked. Ideas and names were simply copied to this document.

Susie Dickenson said...

www.glencoe.com/.../mathematics/.../VMF-Interface.html - Cached

Good introductory website: <http://www.techlearning.com/article/14468>

Super for calculator help... Any kind of calculators!

http://www.prenhall.com/divisions/esm/app/calc_v2/

This is pretty cool... <http://www.shodor.org>

Kathy Lebby said...

This site has a wide variety of activities on different levels. Great for RTI!

http://nlvm.usu.edu/en/nav/category_g_3_t_1.html

Keeley Kinder said...

http://nlvm.usu.edu/en/nav/grade_g_3.html - It has composite figures and you can use the bands on a geoboard to divide the figures into common figures to find the area.

Waine Bourgeois said...

Good video for introduction to ratios. <http://www.mathplayground.com/mathvideos.html>

http://www.misterteacher.com/everything_geometry/interactive_angle.swf

<http://www.mathplayground.com/AlgebraEquations.html>

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

<http://www.mathplayground.com/mathtv.html>

Kellie Dixon said...

<http://www.studystack.com/studystack-11905> They may not be conventional interactive activities, but I like the Flashcard with a modern twist.

Holly said...

<http://www.visualfractions.com/> A tutorial that models fractions with number lines or circles.

<http://www.incompetech.com/graphpaper/> Free online graph paper

<http://nces.ed.gov/nceskids/createagraph/default.aspx> Explains and illustrates the different types, and provides a step-by-step guide to creating examples for downloading and printing.

Michele Andrews said...

<http://www.quia.com/shared/math/> This website has a lot of free math games by topic that teachers have created, like Battleship, Challenge Board (which is like Jeopardy-can be used as whole class), Rags to Riches (which is like Who Wants to be a Millionaire), etc. You can become a member and create your own, but that costs; there are many great games already created that are FREE.

Tiffany & Lorie said...

http://www.learner.org/interactives/geometry/3d_pyramids.html Play with and rotate 3-D nets and highlight parts of these forms.

Debbie Cromwell said...

<http://mathbits.com/Caching/BasicOpenCache1.html> This is Math Caching....goes with what Ricky just talked to us about....except on the computer....

Ambra Beaty said...

http://enlvm.usu.edu/ma/nav/activity.jsp?sid=nlvm&cid=3_1&lid=194 This is a good way to show and make multiplying fractions models.

Jason Cheslock said...

This is a great interactive site for integer manipulation. The site also prompts students to write the corresponding equation.

http://nlvm.usu.edu/en/nav/frames_asid_107_g_1_t_1.html?from=topic_t_1.html This is a great interactive site for probability, graphing, and predicting outcomes.

http://nlvm.usu.edu/en/nav/frames_asid_186_g_1_t_1.html?open=activities&from=topic_t_1.htm | This is a great interactive site for percents, calculations, and equivalent forms.

http://nlvm.usu.edu/en/nav/frames_asid_160_g_1_t_1.html?open=activities&from=topic_t_1.htm |

Holly said...

<http://www.amblesideprimary.com/ambleweb/mentalmaths/protractor.html> Teachers: Use the activities for demonstrating the use of protractors to groups. The activities are designed to be used through whiteboards and computer monitors. Pupils: Investigate and test yourself on the use of protractors.

<http://mathforum.org/mathtools/cell/m6,8.4,ALL,ALL/> Lots of activities/lessons/etc. that are interactive.

Jacqui Walley said...

<http://www.teacherled.com/2008/04/02/bubble-burst/>

http://misterteacher.com/tangrams/tangrams_tool.swf

http://nlvm.usu.edu/en/nav/frames_asid_106_g_3_t_1.html

<http://www.shodor.org/interactivate/activities/AdvancedMontyHall/>

http://misterteacher.com/alphabetgeometry/alphabet_symmetry_tool.swf

Monica Woods said...

http://www.mathplayground.com/math_manipulatives.html Good website to work on solving one and two step equations with the balance concept. Allows them to cancel out pieces to make the equation balanced.

Kerry Cook said...

http://nlvm.usu.edu/en/nav/frames_asid_162_g_3_t_1.html?from=category_g_3_t_1.html

(Subtracting Integers)

Robert Horne said...

<http://nlvm.usu.edu>