

**Teacher's Domain** (<http://www.teachersdomain.org/>) is a WGBH production. I've generally found PBS and NPR productions to be excellent so I was excited about this site. I just logged in as an evaluator and searched on 'math data' and it brought up several pages of excellent videos. They are clips of good shows - Nova, ZOOM, and independent productions. There is a grade level range and multimedia description - video, Flash, interactive Flash, web page, Shockwave, etc. I think they could be used as engaging introductions to units and as ways to show relevancy to real life situations.

**Mathematical Moments** (<http://www.ams.org/mathmoments>) "The Mathematical Moments program promotes appreciation and understanding of the role mathematics plays in science, nature, technology, and human culture. Download this series of pdf files to use as teaching resources and to promote awareness of mathematics to students, colleagues, and attendees at meetings and special events." (quoted from front page of website - I couldn't summarize it better myself!) The main page of the AMS website offers many resources, but it's hard to find this resource. It's a good resource that has some fascinating subjects that may provide engagement opportunities for high school students or special projects. I had trouble not getting totally distracted by some of the articles.

**Project Interactivate** (<http://www.shodor.org/interactivate/>) is a site containing a collection of interactive, Java-based math activities for K-8. There is quite a selection to choose from and I did a few of them. The supplemental materials were quite good - standards alignment, textbook info. and each activity has the same layout with tabs for learner, activity, help, instructor. You could pick and choose activities for certain lessons.

#### **Utah State University - National Library of Virtual Manipulatives (NLVM)**

(<http://nlvm.usu.edu/en/nav/vlibrary.html>) starts with a chart by topic and grade range. There are several basic but useful interactives. There is good supporting material for parent/teachers, instructions, activities and standards. There is a new expanded interface: <http://enlvm.usu.edu/ma/nav/doc/intro.jsp> that offers additional resources and tutorials.

**Math Forum's Math Tools/Math Topics** section is an online catalog resource of math tools sorted by grade - some of them are duplicated in other sources (like Illuminations) but it still acts as another useful resource for online activities and lesson plans.

**Mrs. Glosser's Math Goodies** (<http://www.mathgoodies.com>) is a site of interactive math lessons. You can also get them on CD or download and there are more of them, but there's a cost of \$31 for them. The lessons seem to be well laid-out and could be used for additional resources to enhance a subject or for additional topics.

**BBC MathSize** (<http://www.bbc.co.uk/schools/gcsebitesize/maths/index.shtml>) has interactive activities that are useful but may not correlate directly with our standards so you need to look through them carefully to find what you want. I worked through a couple of the activities and games and found them useful.

**Annenburg** ([www.learner.org](http://www.learner.org)) has excellent resources. I searched on 'math' (enter into search box - don't select Mathematics from drop-down) and many different resources are listed with descriptions so you can read and figure out what you want. I looked at a few of them - one was: Teaching Math: A Video Library, K-4 (<http://www.learner.org/resources/series32.html>) that has 52 video on-demand free videos that you can use on a variety of subjects. There are also video libraries on other grade levels.

**World of Teaching** (<http://www.worldofteaching.com/>) is a teacher sharing site of PowerPoint presentations, grouped by subject. Some of the math presentations were quite good and even though I can't imagine using one off-the-shelf, having the template and much of the work done gives me the opportunity to change it as I need to and have a large part of the work done for me. Especially if there are graphics that are suitable - it can often take quite a long time to develop or find reasonable graphics and there's nothing worse than a presentation with no graphics.

**Java Demos for Probability and Statistics** (<http://www.math.csusb.edu/faculty/stanton/m262/>) is a list of 10 java programs that quickly illuminate the usefulness for an interactive program to illustrate a concept. For higher level math courses, some of these could be quite useful.