

Middle School Interactive Websites

Math

[I Know That](#)

<http://www.iknowthat.com>

This web site has interactive activities and games for pre-K-6th grade. A great place to start is Leon's Math Dojo. It is great for skill review time. If you are asked to register, you can click "Maybe Later".

FRACTIONS/DECIMALS/PERCENTS

Adding Fractions

http://nlvm.usu.edu/en/nav/frames_asid_106_g_2_t_1.html

This web site has interactive fraction activities. The students learn that they will need to have common denominators in order to add. The students may drag the circle pieces to determine the solution.

Decimal and Whole Number Jeopardy

<http://www.quia.com/cb/8142.html>

This web site is for one or two players. The students will play Jeopardy to understand decimals and whole number comparisons. Great web site to have the students complete in small groups.

Fraction Decimal Conversion

<http://www.quia.com/jg/65724.html>

Students can play matching, flash cards, or concentration to check understanding on fraction/decimal conversions. The games use a wide variety of conversions.

Virtual Manipulative: Percentages

http://nlvm.usu.edu/en/nav/frames_asid_160_g_2_t_1.html

The students will enter a whole and a part, and the computer program will compute the percentage left. The students can solve the problems by cross multiplication. Great way to show this concept.

INTEGERS/NUMBER THEORY

Color Chip Addition

http://nlvm.usu.edu/en/nav/frames_asid_161_g_2_t_1.html

This web site shows students how to add integers. The students will use positive and negative chips to solve the problems. The directions are very clear on what the students need to do. The students will match + and - chips together, and what is left over will be the sum. Great web site, if the students are learning on their own.

Color Chip Subtraction

http://nlvm.usu.edu/en/nav/frames_asid_162_g_2_t_1.html

This website shows students how to subtract integers. The directions are very clear on what the students will need to do. Great web site, if the students are learning on their own.

PROBLEM SOLVING

Math TV

<http://www.actionmath.com/index.html>

Great problem solving website. The problems are given on a television screen. The students choose which problem they would like to solve. The website will read the problem, so the students can hear and read the directions at the same time. The students have time to work the problems on their own, and then the program will go through each step to make sure the students know what they should do.

Escape from Knab

<http://www.escapefromknab.com/index.html>

This website is an interactive problem solving site. Students make financial decisions while creating an imaginary planet. Teacher information pages and worksheets are also provided.

GEOMETRY

Transformations

<http://www.howe-two.com/nctm/>

Helps students understand symmetry, translations, rotations, reflection, glide reflections, dilations, and rotational symmetry. The students can manipulate the figures and lines to see all the different possibilities of how a shape can transform.

GENERAL

Maths Stuff

http://www.tki.org.nz/r/wick_ed/maths/interactives.php

This web site provides basic facts practice in multiplications, order of operations, and fractions.

PRE-ALGEBRA

Kids Math Pre-Algebra

<http://www.kidsmath.com/Algebra.html>

MANIPULATIVES

National Library of Virtual Manipulatives

<http://nlvm.usu.edu/en/nav/vlibrary.html>

There are a wide variety of grade levels and concepts available on this web site. This site has many manipulatives available for the teachers who do not have them available to them.

GRAPHS

[Create A Graph](#)

<http://nces.ed.gov/nceskids/createagraph/index.asp?ID=47334ED2844F0600C>

This website is a wonderful site for students learning how to select a type of graph to make, place the data on the correct axis, change the appearance and print.

Language Arts

[Welcome to the Internet](#)

<http://www.teachingideas.co.uk/welcome/index.htm>

This site covers five areas of the Internet. Internet, Guestbook, Web browsers Searching, Researching are areas covered; very comprehensive. Worksheets are included as well as a logic puzzle project to review and reinforce skills learned.

GRAMMAR

Grammar Games

http://www.learnenglish.org.uk/grammar/archive/grammar_games_index_page01.html

This site contains over 70 grammar games; helps students identify part of speech, write descriptive phrases and sentences. Activities have a self checking component. Original thrust of website is to assist ESOL students with learning English.

[Interactive Language Arts Exercises](#)

<http://www.smic.be/smic5022/Onlineexercises.htm#Vocabulary>

This website contains numerous interactive grammar activities. Spelling, vocabulary selection, letter writing are among the possibilities.

READING

Reading Games for Older Kids

<http://kidsdomain.com/games/read2.html>

This website will appeal to students who are reading well below grade level. Format is more like a play station game. These address spelling, parts of speech, and more.

Science

[Human Anatomy Online](#)

<http://www.innerbody.com/htm/body.html>

This website contains interactive lessons for students learning parts of the human body systems; numerous animations and a vocabulary/definitions list.

[Miami Museum of Science-The pH Factor](#)

<http://www.miamisci.org/ph/index.html>

This website contains lessons for introducing acids and bases. Contains lessons using the 7 E's (Excite, Explore, Explain, Expand, Extend, Exchange, and Examine) All lessons have interactive activities and a lesson plan.

[WickED - QuizIt - Science](#)

http://www.tki.org.nz/r/wick_ed/science/index.php

This website contain earth science activities; assists students with identification, lab sessions and interactive quizzes. Site also addresses literacy and math.

Social Studies

Economics

[Maryland Public Television - Sense and Dollars](#)

<http://senseanddollars.thinkport.org/earning/home.html>

This website was designed to provide middle and high school students with information about personal finance; using credit cards, earning, spending, saving money. Several pages provide a “how much will you have to work to buy” forms for students to complete.

General Social Studies

[FactFinder Kids' Corner!Census Information](#)

<http://factfinder.census.gov/home/en/kids/kids.html>

This website was designed specifically to promote Census Data use. Students have the opportunity to view the census data, use an interactive quiz, and learn a bit of geography. Direct links to the US Census bureau will help the older student too. Ideal for information gathering, spreadsheet, chart and graph construction.

Computer/Keyboarding

[Mrs. Sterling's Word Pad](#)

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

This website will teach you how to use a word processor. It has interactive videos, games and activities. It also has pre and post test evaluations.

[Welcome to the Internet](#)

<http://www.teachingideas.co.uk/welcome/index.htm>

This site covers five area of the Internet. Internet, Guestbook, Web browsers Searching, Researching are areas covered; very comprehensive. Worksheets are included as well as a logic puzzle project to review and reinforce skills learned.

Music Theory

[Ricci Adams Music Theory](#)

<http://www.musictheory.net/>

This site provides lessons and activities pertaining to music theory, sound/ear trainers and utilities assisting the students with music education.

Other (please specify)

[Interactive Websites](#)

http://www.tki.org.nz/r/wick_ed/science/index.php

This is a wonderful “hotlist” of interactive websites. The list address all areas of the middle school curriculum and provides a link to some great teacher tools.