General Math Links. Most of these sources are geared at the Algebra and below level, although some include trigonometry and geometry, probability and statistics. The Math Forum goes up to the Calculus level

Access to on-line, free, interactives and tutorials; ideas for teaching concepts and skills; geared toward educators:

http://mathforum.org/
click on the Math Tools link to get to the on-line interactive modules.

http://mathforum.org/alejandre/index.html
click on the Algebra link

http://nlvm.usu.edu/en/nav/index.html
National library of virtual manipulatives, hosted by Utah State University. Includes algebra balance scales, virtual algebra tiles.

http://illuminations.nctm.org/
National Council of Teachers of Mathematics website.

http://www.cord.org/contextual-teaching-resources/
Good source for information about context-based learning and how to apply it to mathematics

http://www.rwlo.org/refdesk.aspx
A repository of context-based lessons. Free membership; sponsored by US Dept. of Education

http://www.nzmaths.co.nz/Links/Algebra/Algebra.htm
From New Zealand (ain't the internet wonderful): A page of links to math websites; includes a brief description of each site.

Access to on-line, free, interactives and tutorials; ideas for teaching concepts and skills; geared toward students:

http://www.themathlab.com/
Lots of cool stuff, including educational games

http://www.wtamu.edu/academic/anns/mps/math/mathlab/beg_algebra/index.htm
Free, on-line algebra tutorials from Western Texas A&M

http://www.purplemath.com/index.htm
Basic examples and practice problems with feedback. This site has a good study skills assessment (see below)

Algebra tiles (how to use them and virtual manipulatives):

http://faculty.prairiestate.edu/skifowit/htdocs/manip/alg_tile.htm
Basic tutorial on how to use algebra tiles.

http://plato.acadiau.ca/courses/educ/reid/Virtual-manipulatives/tiles/tiles.html
Another basic tutorial on how to use algebra tiles.

http://regentsprep.org/Regents/math/factor/facttiles.htm

http://regentsprep.org/Regents/math/signed/TRtiles.htm
Both of the regentsprep sites have information about how to use algebra tiles.

http://nlvm.usu.edu/en/nav/frames_asid_189_g_4_t_2.html?open=activities
Various algebra tile virtual manipulatives, covering multiplication of binomials, the Distributive property and factoring polynomials.

http://www.coe.tamu.edu/~strader/Mathematics/
The instructions are not very clear, but OK for students who have been shown how to use algebra tiles.

Study skills. These sites include on-line study skills inventories designed to help students determine their learning style, as well as study tips.

http://www.losmedanos.edu/Groups/Math/survmath/default.htm
Math survival tips. A site designed by Los Medanos math department, our recent partner in the Title III grant that was used to develop the Open Math Lab.

http://www.losmedanos.edu/Groups/Math/downloads.html
Study skills inventory that gives immediate feedback about a student's preferred learning style.

http://www.purplemath.com/stdysrvy.htm
Another self-scoring inventory that provides immediate feedback.

free graph paper, including polar (download and print)

http://www.mathematicshelpcentral.com/index.html