

SITE	LINK	DESCRIPTION
101 Questions	<a href="http://www.101qs.com">www.101qs.com</a>	Very interesting pictures that are posted and others leave the first question that comes to mind. Great problem source ideas.
Achieve the Core	<a href="http://www.achievethecore.org/">http://www.achievethecore.org/</a>	A website set up by two lead authors of the CCSS – one math, one ELA with sections with headings like Steal These Tools
American Statistical Association	<a href="http://www.amstat.org/education/index.cfm">http://www.amstat.org/education/index.cfm</a>	This takes you to the education home page. Go to K12 to see all the options for educators. STEW contains the lessons.
Annenberg Algebra 1 Teacher Resources	<a href="http://www.learner.org/resources/series196.html">http://www.learner.org/resources/series196.html</a>	Explores strategies for teaching specific Algebra 1 Skills; has samples of lessons for teachers which can be used in a PD workshop
Arizona Common Core Standards (click on grade level)	<a href="http://www.azed.gov/standards-practices/mathematics-standards/">http://www.azed.gov/standards-practices/mathematics-standards/</a>	Arizona has examples next to each grade level standard that will help you understand what type of problems might be given to assess or teach that standard
Balanced Assessment	<a href="http://balancedassessment.concord.org">http://balancedassessment.concord.org</a>	A library of over 300 free math assessment tasks
Calculation Nation	<a href="http://calculationnation.nctm.org/">http://calculationnation.nctm.org/</a>	Game website by NCTM
Common Core Tools - Bill McCallum's blog	<a href="http://commoncoretools.me">http://commoncoretools.me</a>	Updates on all things Common Core Math and links to many valuable projects (Progressions, etc.).
Conceptua Math	<a href="http://www.conceptuamath.com">www.conceptuamath.com</a>	K-8 online Common Core curriculum
Cut the Knot	<a href="http://www.cut-the-knot.org/">http://www.cut-the-knot.org/</a>	This site is old, but it was so far ahead of its time that it is still very useful....and they continue to

		update
Dan Meyer	<a href="http://blog.mrmeyer.com/">http://blog.mrmeyer.com/</a>	Browse around Dan's site, great stuff
Dan Meyer Three Acts	<a href="https://docs.google.com/spreadsheet/ccc?key=0AjlqyKM9d7ZYdEhtR3BJMmdBWnM2YWxWYVM1UWowTEE#gid=0">https://docs.google.com/spreadsheet/ccc?key=0AjlqyKM9d7ZYdEhtR3BJMmdBWnM2YWxWYVM1UWowTEE#gid=0</a>	Very popular with students - videos with activities and links all aligned to the common core; Dan Meyer updates this regularly; you can follow him on Twitter @ddmeyer; also follow him on his blog - <a href="http://blog.mrmeyer.com/">http://blog.mrmeyer.com/</a>
Dana Center	<a href="http://www.utdanacenter.org">http://www.utdanacenter.org</a>	They have CCSS aligned activities for Algebra and Geometry, available if you take a brief survey.
Decimal Squares	<a href="http://www.decimalsquares.com">http://www.decimalsquares.com</a>	Interactive game to help teach decimals
Equivalent Fractions	<a href="https://itunes.apple.com/us/app/equivalent-fractions/id548051011">https://itunes.apple.com/us/app/equivalent-fractions/id548051011</a>	Create equivalent fractions by dividing and shading squares or circles, and match each fraction to its location on the number line. Check your work, and use the table feature to capture results and look for patterns. Got a particular value for which you'd like to make equivalent fractions? Use "Build Your Own" mode.
Eric Milou's website	<a href="http://ericmilou.com">http://ericmilou.com</a>	Great links to resources for all levels
Figure This	<a href="http://www.figurethis.org/challenges/math_index.htm">http://www.figurethis.org/challenges/math_index.htm</a>	NCTM site with thought provoking math problems that would be great to get students talking about math - help with beginning work on math practice standards - critiquing reasoning of others, construct arguments, reason quantitatively, etc.

Futures Channel	<a href="http://www.thefutureschannel.com/algebra_real_world.php">http://www.thefutureschannel.com/algebra_real_world.php</a>	Great activities that include videos . . .show how math is used in the real world
Geoboard	<a href="http://catalog.mathlearningcenter.org/apps/geoboard">http://catalog.mathlearningcenter.org/apps/geoboard</a>	Use line segments and polygons and make discoveries about perimeter, area, angles, congruence, fractions, and more.
Illustrative Mathematics Project	<a href="http://illustrativemathematics.org/">http://illustrativemathematics.org/</a>	Links to tasks aligned to CCSSM by standard
Inside Mathematics	<a href="http://www.insidemathematics.org/">http://www.insidemathematics.org/</a>	A ton of effort has been put into this site, great PD for math teachers; has sample videos of teachers using best practices aligned to the common core; also short videos showing specific math practices evident in the classroom. Go to Tools for Educators, Problems of the Month, or to Okey Dokey resources for video lessons.
LearnZillion	<a href="http://www.learnzillion.com">www.learnzillion.com</a>	Free online subscription for students and teachers, viewable lessons and worksheets, could be used in a flipped classroom
Links to math practice posters	<a href="http://opi.mt.gov/PDF/CCSSO/Grade-6-Math-Practices-posters.pdf">http://opi.mt.gov/PDF/CCSSO/Grade-6-Math-Practices-posters.pdf</a>	One set of posters - Jordan School District
Links to math practice posters2	<a href="http://www.carrollk12.org/instruction/instruction/elementary/math/curriculum/common/default.asp">http://www.carrollk12.org/instruction/instruction/elementary/math/curriculum/common/default.asp</a>	Another set of posters - Carroll Co Schools
MARS Mathematics Assessment Project	<a href="http://map.mathshell.org.uk/materials/tasks.php">http://map.mathshell.org.uk/materials/tasks.php</a>	Assessments, tasks, lessons aligned to CCSSM with detailed teacher notes

Math Concentration	<a href="https://itunes.apple.com/us/app/math-concentration/id458437534">https://itunes.apple.com/us/app/math-concentration/id458437534</a>	Match whole numbers, shapes, fractions, or multiplication facts to equivalent representations. Practice with the clear panes or step up the challenge with the windows closed. Also available as a web-based activity.
Math Forum at Drexel	<a href="http://mathforum.org/">http://mathforum.org/</a>	Resources, tools, lessons
Math Games	<a href="http://www.math-play.com/Middle-School-Math-Games.html">http://www.math-play.com/Middle-School-Math-Games.html</a>	Online math games
Math Snacks	<a href="http://www.mathsnacks.com/">http://www.mathsnacks.com/</a>	<i>Math Snacks</i> are short animations and mini-games designed to present mathematics in a very different way. Includes learner guides kids can use and teacher guides to transfer a conceptual understanding to math problem solving. Designed for middle school, they address content for and have been used by students in grade 3 – 8.
Mathalicious	<a href="http://www.mathalicious.com">http://www.mathalicious.com</a>	Great, ready-made performance tasks with teacher guides and student handouts
Mathematics Teacher	<a href="http://www.nctm.org">http://www.nctm.org</a>	If you are a member of NCTM you have access to over a decade of archived Mathematics Teacher (High School) journals. Journals for other levels also at this site.
NASA Explorer Schools Lessons	<a href="http://www.nasa.gov/offices/education/programs/national/nes2/materials/index.html">http://www.nasa.gov/offices/education/programs/national/nes2/materials/index.html</a>	Most lessons integrate math and science.
NASA's Exploring Space	<a href="http://www.nasa.gov/audience/foreducators/exploringmath/home/index.html">http://www.nasa.gov/audience/foreducators/exploringmath/home/index.html</a>	Resource for Alg, Geom, Alg II, PreCalc, and Math/Science lessons

Through Math Education Series		
NASA's Real World Math	<a href="#">_Google NASA Real World Math</a>	
National Assessment of Educational Progress	<a href="http://nces.ed.gov/nationsreportcard/about/naeptools.asp">http://nces.ed.gov/nationsreportcard/about/naeptools.asp</a>	Data explorer (including customizable graphics), state profiles, state comparisons. The NAEP questions tool is housed here as well.
National Library of Virtual Manipulatives	<a href="http://nlvm.usu.edu/en/nav/vlibrary.html">http://nlvm.usu.edu/en/nav/vlibrary.html</a>	Online manipulatives that can be used to demonstrate or to assign activities to students to do.
National Science Digital Library	<a href="http://nsdl.org/commcore/math/">http://nsdl.org/commcore/math/</a>	Lessons & Links aligned to the Common Core
National Security Agency	<a href="http://www.nsa.gov">www.nsa.gov</a>	The NSA has a math education partnership program that offers PD workshops and classroom lessons. The activities are aligned to the former NCTM standards but still good.
NCTM Core Math Tools	<a href="http://www.nctm.org/resources/content.aspx?id=32702">http://www.nctm.org/resources/content.aspx?id=32702</a>	A downloadable suite of interactive software...all free!
NCTM's Illuminations	<a href="http://illuminations.nctm.org/">http://illuminations.nctm.org/</a>	NCTM approved lessons and activities; they are working on coding these to the CCSSM. Check out the 'Weblinks' tab as well; to search by topic, click the red 'Thinkfinity' word at the bottom of the screen, it will bring you to a site where you can put in a topic and find activities with that content

North Carolina - Unpacking and Crosswalk of the standards	<a href="http://www.dpi.state.nc.us/acre/standards/common-core-tools/#unmath">http://www.dpi.state.nc.us/acre/standards/common-core-tools/#unmath</a>	North Carolina (like Arizona) has 'unpacked' the standards and done 'crosswalks' for each math (and ELA) course. When you go to this site, scroll down the page - the 'unpacking' is first, then the 'crosswalks' are below - very good information on what students should be able to do - includes examples.
Noyce Foundation	<a href="http://www.noycefdn.org/">http://www.noycefdn.org/</a>	The Noyce Foundation sponsored Inside Mathematics and it posts Problems of the Month, both listed as separate resources in this document. But the home page is worth checking out because there are other directions you may wish to take. The site is full of other resources and reports you may find interesting.
Noyce Foundation Problems of the Month	<a href="http://noycefdn.org/pom.php">http://noycefdn.org/pom.php</a>	Each "Problem of the Month" consists of 5 different tasks (plus a primary one) that increase in rigor; could be used for differentiated group activities
Nspire activities	<a href="http://www.mathnspired.org">http://www.mathnspired.org</a>	Ready-made, downloadable calculator activities, including teacher notes and student handouts
Nspire tutorials	<a href="http://education.ti.com/calculators/timathnspired/US/Resource/Video-Tutorials">http://education.ti.com/calculators/timathnspired/US/Resource/Video-Tutorials</a>	Tutorials for Nspire
Number Pieces	<a href="http://catalog.mathlearningcenter.org/apps/number-pieces">http://catalog.mathlearningcenter.org/apps/number-pieces</a>	Help students develop a deeper understanding of place value while building their computation skills with multi-digit numbers. Students use the pieces to represent multi-digit numbers, regroup, add, subtract, multiply, and divide.

Number Rack	<a href="http://catalog.mathlearningcenter.org/apps/number-rack">http://catalog.mathlearningcenter.org/apps/number-rack</a>	Rows of moveable, colored beads encourage learners to think in groups of fives and tens, helping them to explore and discover a variety of addition and subtraction strategies.
NYC - CCSSM Tasks with rubrics and student work	<a href="http://schools.nyc.gov/Academics/CommonCoreLibrary/TasksUnitsStudentWork/default.htm">http://schools.nyc.gov/Academics/CommonCoreLibrary/TasksUnitsStudentWork/default.htm</a>	This site contains performance tasks aligned to the CCSSM that are searchable by topic
OHIO Content Math Content Standards K-12	<a href="http://www.education.ohio.gov/GD/Templates/Pages/ODE/ODEDetail.aspx?page=3&amp;TopicRelationID=1696&amp;ContentID=126041&amp;Content=127896">http://www.education.ohio.gov/GD/Templates/Pages/ODE/ODEDetail.aspx?page=3&amp;TopicRelationID=1696&amp;ContentID=126041&amp;Content=127896</a>	Link to Ohio's aligned curriculum; has recommendations for teaching the standards; also includes links to activities
OHIO Resource Center - High School Math Courses	<a href="http://ohiorc.org/pm/math/math_pma.aspx">http://ohiorc.org/pm/math/math_pma.aspx</a>	Links by standard to activities and resources
PALM Education	<a href="http://palm.sri.com">http://palm.sri.com</a>	The tasks in here are aligned to the NCTM standards, but there are rich tasks in here...you can always modify.
PARCC	<a href="http://parconline.org/">http://parconline.org/</a>	You can find sample items and task prototypes.
PBS Resources	<a href="http://www.pbs.org/teachers/classroom/9-12/math/resources/?resource_topic=59&amp;resource_type=&amp;resource_site">http://www.pbs.org/teachers/classroom/9-12/math/resources/?resource_topic=59&amp;resource_type=&amp;resource_site</a>	Links to wonderful resources; can search by type of activity you are looking for
Pick-a-Path	<a href="http://illuminations.nctm.org/pickapath.aspx">http://illuminations.nctm.org/pickapath.aspx</a>	Developed by the National Council of Teachers of Mathematics. Navigate Okta the octopus through various mazes involving integers, fractions, decimals, exponents, and more.
Precision Practice	<a href="http://www.flickr.com/photos/63578701@N02/6779639257/in/set-72157629076212637/">http://www.flickr.com/photos/63578701@N02/6779639257/in/set-72157629076212637/</a>	Cartoon like discussion of Precision Practice

Progressions Documents	<a href="http://ime.math.arizona.edu/progressions/">http://ime.math.arizona.edu/progressions/</a>	Statistics and Probability Progressions documents; others are K-8; more will be added
SMARTER BALANCED - updated item specification	<a href="http://www.smarterbalanced.org/smarter-balanced-assessments/?utm_medium=email&amp;utm_campaign=Smarter+News+-+June+2012&amp;utm_content=Smarter+News+-+June+2012+CID_dc5e48eacb8fd902db7fc3568c70aa45&amp;utm_source=CMemail&amp;utm_term=the+Smarter+Balanced+website#item">http://www.smarterbalanced.org/smarter-balanced-assessments/?utm_medium=email&amp;utm_campaign=Smarter+News+-+June+2012&amp;utm_content=Smarter+News+-+June+2012+CID_dc5e48eacb8fd902db7fc3568c70aa45&amp;utm_source=CMemail&amp;utm_term=the+Smarter+Balanced+website#item</a>	You can find up-to-date item specifications, descriptions of tasks and sample tasks
Socrative	<a href="http://www.socrative.com/garden/">http://www.socrative.com/garden/</a>	t.socrative.com (for teacher); m.socrative.com (for student)
Steve Leinwand's website	<a href="http://www.steveleinwand.com">www.steveleinwand.com</a>	Resources for the progressive math teacher...awesome
Teach Timer	<a href="http://www.lefthandlogic.com/timers.php">http://www.lefthandlogic.com/timers.php</a>	Timers that can be downloaded to help with managing classroom activities; these can be imbedded into Powerpoints as well
ted ed	<a href="http://ed.ted.com/">http://ed.ted.com/</a>	A new offering by Ted Talks is ted ed. It provides short videos on math lessons, a short quiz afterward (it is editable), then an application question, followed by an extension. Really good.
Ted Talks	<a href="http://www.ted.com/talks/tags/education">http://www.ted.com/talks/tags/education</a>	Ted Talks is a site that offers videos of talks on interesting, cutting-edge ideas. And they have grouped the talks related to education for us. The rest of the site is great, too. I highly recommend the Pranav Mistry 6th Sense Talk, and anything by Hans Rosling....his stats graphics are AMAZING!

Thinking Blocks	<a href="http://www.thinkingblocks.com">http://www.thinkingblocks.com</a>	Outlines the difference between the traditional approach and a "model and solve" approach to K-6 topics
TI Math - Graphing Calc	<a href="http://education.ti.com/calculators/timath/">http://education.ti.com/calculators/timath/</a>	Graphing Calculator activities searchable by topic and course
TI Resources...TI-84 and Nspire	<a href="http://www.timath.com">http://www.timath.com</a>	Choose the subject and the device....ready-made, downloadable calculator activities, including teacher notes and student handouts
Utah Secondary Math Links	<a href="http://www.uen.org/core/displayCourse.do?courseNumber=5600">http://www.uen.org/core/displayCourse.do?courseNumber=5600</a>	Secondary math activities aligned to the CCSSM
Wisconsin Mathematics Council	<a href="http://www.wismath.org/resources/">http://www.wismath.org/resources/</a>	This gives more online suggestions, some of which are referenced in this list, but not all.
XP Math Games	<a href="http://www.xpmath.com/">http://www.xpmath.com/</a>	Interactive math games that are coded to the CCSSM
Yummy Math	<a href="http://www.yummymath.com/">http://www.yummymath.com/</a>	Activities and worksheets based on real world...has great links and sites that connect to and discuss CCSSM