

# Math Websites

## All Grades (K-12)

1. [www.corestandards.org](http://www.corestandards.org)  
This site lists all the Common Core Standards, the appendices, and resources.
2. [www.parcconline.org](http://www.parcconline.org)  
This is one of the two assessment consortia based on the Common Core Standards. NJ has chosen the PARCC as its state standardized test (to replace the NJ ASK and HSPA) beginning in 2014-2015. This website contains information about the assessment, sample test items, task prototypes, model content frameworks, and more. Search for the calculator policy and Reference Sheets applicable for the PARCC, too.
3. [www.achievethecore.org](http://www.achievethecore.org)  
This site is sponsored by Student Achievement Partners, a nonprofit organization committed to educating people about the Common Core Standards.
4. [www.sheppardsoftware.com](http://www.sheppardsoftware.com)  
This easy to use and exciting website provides a wide variety of math activities. The concepts cover all grade levels and even offer interactive activities for adult learners who want to learn or revisit math concepts.
5. [www.khanacademy.org](http://www.khanacademy.org)  
Khan Academy is an organization on a mission. It is a not-for-profit with the goal of changing education for the better by providing a free world-class education for anyone anywhere. Students can make use of the extensive library of content, including interactive challenges, assessments, and videos from any computer with access to the web.
6. [www.math.com](http://www.math.com)  
Math.com is dedicated to providing revolutionary ways for students, parents, teachers, and everyone to learn math. Combining educationally sound principles with proprietary technology, Math.com offers a unique experience that quickly guides the user to the solutions they need and the products they want. These solutions include assessment, on-demand modular courses that target key math concepts, 24/7 live online tutoring, and expert answers to math questions. In addition to solutions, Math.com offers exploratory and recreational introductions to the world of math that will lead to deeper understanding and enjoyment.
7. [www.webmath.com](http://www.webmath.com)  
Discovery Education transforms classrooms, empowers teachers and captivates students by leading the way in providing high quality, dynamic, digital content to schools. With award-winning digital content, interactive lessons, real time assessment, virtual experiences with some of Discovery's greatest talent, classroom contest & challenges, professional development and more – Discovery is leading the way in transforming classrooms and inspiring learning.
8. [www.pta.org](http://www.pta.org)  
The overall purpose of PTA is to make every child's potential a reality by engaging and empowering families and communities to advocate for all children. The "Parents' Guide to Student Success" includes: key items that children should be learning in English language arts and mathematics in each grade, once the standards

are fully implemented, activities that parents can do at home to support their child's learning, methods for helping parents build stronger relationships with their child's teacher, tips for planning for college and career (high school only). From the homepage, go to FOR PARENTS>PARENT GUIDES TO STUDENT SUCCESS. Scroll down to the parent guides (about halfway down the webpage).

### **Elementary Grades (K-5)**

1. [www.mathfactcafe.com](http://www.mathfactcafe.com)  
Math Fact Café provides a generator of free math worksheets and flashcards. Designed for grades K-5, this website focuses primarily on counting, money, multiplication tables, standard facts, time, and word problems.
2. [www.mathplayground.com](http://www.mathplayground.com)  
Play with numbers and give your brain a workout! This site is home to games, thinking blocks, manipulatives, word problems, iPad apps, worksheets, flashcards, and more!
3. [www.aaamath.com](http://www.aaamath.com)  
AAA Math features a comprehensive set of thousands of interactive arithmetic lessons. There is no cost or registration required to practice your math on the AAAMath.com web site. Unlimited practice is available on each topic which allows thorough mastery of the concepts. A wide range of lessons (Kindergarten through Eighth grade level) enables learning or review to occur at each individual's current level. Immediate feedback prevents practicing and learning incorrect methods, which is a common result of traditional homework and worksheets. Practice can continue as long as desired in a non-threatening format which helps build self-esteem and confidence.
4. [www.gogomathgames.com](http://www.gogomathgames.com)  
PrimaryGames is one of the fastest growing gaming companies on the web and has been entertaining both children and adults since 2000. The company was originally founded by teacher Susan Beasley, who built online games to keep the students in her classroom entertained while they were engaged in learning. Over a decade later, the company has grown into several websites with millions of users from all over the world. With several thousand game titles and growing, PrimaryGames strives to bring our users the best gaming sites on the web.

### **Middle Grades (6-8)**

1. [www.hippocampus.org](http://www.hippocampus.org)  
HippoCampus.org is a free, core academic web site that delivers rich multimedia content--videos, animations, and simulations--on general education subjects to middle-school and high-school students free of charge. Students use the site in the evenings for study and exam prep. As an open resource for personalized learning, HippoCampus.org was designed as part of a worldwide effort to improve access to quality education for everyone. HippoCampus is powered by The NROC Project, a non-profit, member-driven project focused on new models of digital content development, distribution, and use.

2. [www.mathplayground.com](http://www.mathplayground.com)  
Play with numbers and give your brain a workout! This site is home to games, thinking blocks, manipulatives, word problems, iPad apps, worksheets, flashcards, and more!
3. [www.brainpop.com](http://www.brainpop.com)  
BrainPOP creates animated, curricular content that engages students, supports educators, and bolsters achievement. At school and in informal learning environments, our characters help introduce new topics and illustrate complex concepts. Our content is mapped to the Common Core, aligned to academic standards, and searchable with our online Standards Tool. Check out the “free stuff” link for free sample videos.
4. [www.coolmath.com](http://www.coolmath.com)  
Coolmath has existed since the spring of 1997 and has grown to be THE most popular destination for math education (and fun) in the world. Coolmath was designed for the frustrated, the confused, the bored students of the world who hate math. Coolmath was designed for the students who just need to get through this stuff so they can reach their other academic goals. Coolmath was designed for the math geeks of the world who love math and want more, more, more!
5. [www.aaamath.com](http://www.aaamath.com)  
AAA Math features a comprehensive set of thousands of interactive arithmetic lessons. There is no cost or registration required to practice your math on the AAAMath.com web site. Unlimited practice is available on each topic which allows thorough mastery of the concepts. A wide range of lessons (Kindergarten through Eighth grade level) enables learning or review to occur at each individual's current level. Immediate feedback prevents practicing and learning incorrect methods, which is a common result of traditional homework and worksheets. Practice can continue as long as desired in a non-threatening format which helps build self-esteem and confidence.

### **High School Grades (9-12)**

1. [www.hippocampus.org](http://www.hippocampus.org)  
HippoCampus.org is a free, core academic web site that delivers rich multimedia content--videos, animations, and simulations--on general education subjects to middle-school and high-school students free of charge. Students use the site in the evenings for study and exam prep. As an open resource for personalized learning, HippoCampus.org was designed as part of a worldwide effort to improve access to quality education for everyone. HippoCampus is powered by The NROC Project, a non-profit, member-driven project focused on new models of digital content development, distribution, and use.
2. [www.wolframalpha.com](http://www.wolframalpha.com)  
Wolfram|Alpha introduces a fundamentally new way to get knowledge and answers - not by searching the web, but by doing dynamic computations based on a vast collection of built-in data, algorithms, and methods.

3. [www.coolmath.com](http://www.coolmath.com)

Coolmath has existed since the spring of 1997 and has grown to be THE most popular destination for math education (and fun) in the world. Coolmath was designed for the frustrated, the confused, the bored students of the world who hate math. Coolmath was designed for the students who just need to get through this stuff so they can reach their other academic goals. Coolmath was designed for the math geeks of the world who love math and want more, more, more!

4. [www.purplemath.com](http://www.purplemath.com)

Helping students gain understanding and self-confidence in algebra – success tips and techniques to help students learn the math. Thousands of sites are now linked to Purplemath, and thousands of visitors come to the site each day. Purplemath has been listed as an online resource in such books as Cliffs Quick Review.