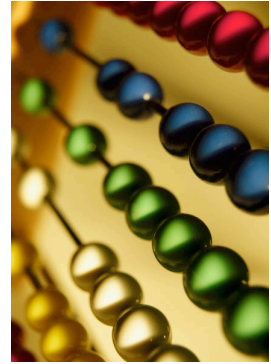


Top 10 Criteria for Good Math Websites




1. The website should be specifically designed for math related subjects.
2. The website should be credible and up-to-date.
3. The website should enhance the learning material by providing repetition of concepts taught in the classroom and further promoting math concepts and skills.
4. The website should be stimulating to the student by providing new information and new methods for learning the material.
5. The website should provide interactive opportunities for the student to explore and further develop his/her understanding.
6. The website should be age and subject appropriate so the student can easily and most effectively discover the appropriate information.
7. The website should be able to be considered as a resource for the student to explore and use in the enhancement of his/her learning experience.
8. The website should be well organized and easily navigated through.
9. The website should be fun and interestingly developed (using games, colors, pictures, etc. to enhance the over-all experience.)
10. The website should provide resources and information for teachers and parents as well as for the student.

Top 10 Math Websites

1. **Fact Monster** Meets criteria 1,2,3,4,5,6,7,8,9. The math section of this site offers new, updated links, provides interactive practice problems and games as well as facts for students to reference to as they explore particular concepts, and offers multiple methods for solving problems. The student can choose his/her level when experiencing the interactive sections of the site. At the top of the page, it asks the student if he/she is a boy or girl and then asks for the age of the student. After he/she has answered the two questions, random and fun facts pop up as he/she continues to explore the site.
<http://www.factmonster.com/mathmoney.html>
2. **Math Playground** Meets criteria 1,2,3,4,5,6,7,9,10. This site provides repetition for the student through the many available games and interactive opportunities. In particular, it offers an application, Mathcasts 500 Project, for students and teachers which can be used to integrate math into the classroom by getting students to “think, solve, and communicate math ideas online.” While Math Playground offers a wide variety of resources (videos, games, etc.), the organization is not completely clear and it could be easy for a student to get overwhelmed with which material applies to his/her situation specifically and which does not. <http://mathplayground.com/>

3. **ILLuminations** Meets criteria 1,2,3,4,5,6,7,8,10. This site provides activities and information designed for the use of students, teachers, and parents. Everything is designed in accordance with the book *Principles and Standards for School Mathematics* which supports The National Council of Teachers of Mathematics (NCTM) vision for school mathematics. It offers 103 available activities for grades preK-12, and although it is not visually as fun and interesting of a site as some of the others, it is very well organized and easily navigated through.
<http://illuminations.nctm.org/>

4. **MathGoodies** Meets criteria 1,2,3,4,5,6,7,8,10. This site offers a wide variety of worksheets, interactive lessons, and a forum for homework help and is designed for the use of students, teachers, and parents. It includes a free newsletter you can sign up for to receive their latest in sites and math education updates. Some of the lessons are available directly from the site while others require the purchase of the Math Goodies CD. The lessons that are available without the CD seem not to include many of the interactive opportunities. <http://mathgoodies.com/>
5. **Cool Math** Meets criteria 1,2,3,4,5,6,7,8,9,10. This site is very interesting and colorful. It is designed for students (ages 13-100), teachers, and parents. It offers many opportunities for math exploration and discovery, as well as enjoyable interactive games which only further enhance the students’ learning experience. For teachers, CoolMath provides useful resources and ideas for use in the classroom, and for parents it provides tips and resources for getting their kids involved in math outside of the classroom. <http://coolmath.com/home.htm>

6. **Cool Math 4 Kids** Meets criteria 1,2,3,4,5,6,7,8,9. This site has been created by the woman behind CoolMath.com, only it is designed specifically for kids under 13. The colors and layout of the site are interesting and easily navigated for young kids. The site stressed having fun with math and the exciting exploration of all math has to offer.
<http://www.coolmath4kids.com/>
7. **Kids’ Place Houghton Mifflin Math** Meets criteria 1,2,3,4,5,6,7,8,9,10. This site has been created by Houghton Mifflin, one of the country’s leading textbook publishers. It is designed for students grades K-6 and offers many educational enhancement opportunities including brain teasers, interactive extra practice, and interactive games. There are also separate sections designed specifically for teachers and parents. One provides classroom resources for teachers, another called “Parents’ Place” contains various resources and activities for parents to implement away from the classroom, and one offering textbook support services for parents and teachers to use. <http://www.eduplace.com/kids/mw/>
8. **Math Cats** Meets criteria 1,2,3,4,5,6,7,8,9,10. MathCats is specifically designed for elementary students, teachers, and parents. Resources available for students include interactive projects, mathcats artwork, various math exploration opportunities, and ideas for math crafts and other activities. It also provides an Idea Bank for parents and teachers which includes approaches for instruction, resources, literature recommendations, and other math related activities for families, classrooms, etc.
<http://www.mathcats.com/>

9. **RAINFOREST maths** Meets criteria 1,2,3,4,5,6,7,8,9. This is a very fun and extremely cute site that is well structured and neatly organized. It is designed for students grades K-6. Provided in each section (depending on the age/level of the student) are numerous opportunities for repetition on a wide variety of math topics. It also provides the student with feedback on the progress of the student as he/she navigates through and participates in each of the individual sections.
<http://www.rainforestmaths.com/>
10. **WebMATH** Meets criteria 1,2,3,4,5,6,7,8. This site provides information on a very wide range of math topics including that of K-8 math, algebra, calculus, and even math for everyone (including personal finances and everyday math.) For each of the topics covered, WebMATH offers the user with the opportunity to type in an appropriate example problem and receive the steps taken in solving that particular problem and the final answer. <http://webmath.com/>
