

Best Math Websites: Games and Activities for Students

Interactive websites that provide students with instruction and independent practice.

Arithmetic Four	Two users play a game in which each player tries to connect four game pieces in a row (like game Connect Four). The players answer math questions to connect the pieces. Teacher chooses how much time each player has to answer, the level of difficulty, and the type of math problem.	Grades: 2–8
Coolmath Games	Yes, math games can be cool! Check out the hundreds of games on this site and on Coolmath4kids.	Grades: K–12 <i>\$ ad-free version</i>
Figure This!	Figure This! is a site designed to encourage families to practice math together. It includes fun and engaging math games and high-quality challenges. It even offers challenges in Spanish.	Grades: 6–8
Funbrain	Funbrain has been helping students learn key math concepts and develop crucial skills since 1997. Students can choose from a slew of games. The best part? It's all free!	Grades: PreK–8
Jefferson Lab	Your students will love fun math games like Speed Math Deluxe, Mystery Math, Place Value Game, and more.	Grades: 3–11
Math Game Time	Organized by grade or subject, your students can play math games and get homework help.	Grades: PreK–7
MATHHelp.com	In-depth lessons with videos, guided practice, interactive self-tests, and more.	Grades: 5–12
Math Playground	More than 425 math games, logic puzzles, and brain workouts for students to practice their math skills.	Grades: 1–6
Mr.N365 <i>(formerly Mr. Nussbaum Math)</i>	Nearly 100 original math games, workshops, and practice modules, as well as math printables!	Grades: 1–6

Ninja Maths	This interactive, online tool helps students master basic facts. Set up as a whole-class or small-group competition, students earn ninja cards and track results on a ninja scoring poster. Two board games that teach operations are also available for purchase.	Grades: 2–8
Numeracy Ninjas	This is a free intervention tool designed to fill gaps in students' mental calculation skills and empower them with number fluency. Students can earn ninja belts of different colors for their skill level.	Grades: 2–8
PBS Math Club	From PBS Learning Media, middle schoolers will love this entertaining video blog. Not only does each episode cover Common Core Standards, it makes math learning culturally relevant with pop-culture references.	Grades: 6–9
Prodigy	Prodigy is a zero-cost, curriculum-aligned, adaptive, online game-based learning platform. Join over 1.5 million teachers and more than 50 million registered students throughout 2,800+ school districts in using the tool that will revolutionize the way you approach math instruction!	Grades: 1-8
Quizlet	Students can create study flashcards, play learning games, practice skills, collaborate with other students, and more.	Grades: 5–12
Sheppard Software	Tons of fun and educational online math games, from basic operations to algebra and geometry.	Grades: K–6
That Quiz	Simple math test activities for teachers and students, from beginning math operations to calculus. You set the skill level, how many problems, and time limit. A report, which tallies right and wrong answers, is provided after each quiz.	Grades: 3–12
Toy Theater	How would your students like to learn multiplication while shooting hoops? They can do that and more at Toy Theater, which teaches early math concepts through game-based learning.	Grades: K–5

Xtramath	Xtramath is like a daily math vitamin. An interactive online tool that helps students practice and master basic arithmetic facts, it's quick and easy to use. Weekly emails provide progress reports for teachers and parents.	Grades: K-8
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Best Math Websites: Comprehensive Math Programs

Corbettmaths	This resource from England provides math videos, math practice questions, and worksheets with answers.	Grades: K–12
GregTangMath.com	GregTangMath strives to provide unparalleled math lessons for students as well as professional development for in-service teachers. Games, puzzles, and other resources, like free downloads, worksheets/word problems, math centers.	Grades: K–6
Illuminations	This site, from the National Council of Teachers of Mathematics (NCTM), features complete lesson plans, mobile games for students, interactive activities, and brain teasers.	Grades: PreK–12
Illustrative Math	High-quality educational resources for teachers and students. Excellent math tasks, videos, lesson plans, and problem-based curriculum modules.	Grades: 6–8
Khan Academy	Khan Academy is on a mission to give a free, world-class education to anyone, anywhere. Their personalized learning resources are available for all ages. Video learning segments are followed by practice activities.	Grades: K–12
LearnZillion	Cloud-based curriculum for K–12 students, focusing on supporting both traditional and blended classrooms.	Grades: K–12
MobyMax	Award-winning program finds and fixes learning gaps with the power of personalized learning. Three-pronged approach features personalized learning, pinpoint assessments, and interactive classroom.	Grades: K–8; <i>\$ for personalized learning license</i>
Skoolbo	Interactive, game-based learning world that motivates kids through rewards. Features include daily challenge, step-by-step lessons, and parent connections.	Grades: K–5 <i>cost: Free \$ monthly fee</i>

Best Math Websites: Resources and Math Lessons

Sources that provide lesson-planning resources materials.

Common Core Sheets	Math worksheets for just about any area of study. Free downloads. Good for planning lessons, review, and independent work.	Grades: K–6
Mashup Math	A creative solution that aims to revive students' passion and interest in math. Mashup Math has a library of 100+ math video lessons as well as a YouTube channel that features new math video-lessons every week. A free e-book of math challenges is also available.	Grades: K–8
Math-Aids	Dynamically created math worksheets for students, teachers, parents ... anyone!	Grades: K–10
MathsBot	Tools for math teachers, including bell-ringers and drills, math tools and manipulatives, question generators, printables, and puzzles.	Grades: K–12
National Library of Virtual Manipulatives (NVML)	This National Science Foundation-supported project provides a large library of uniquely interactive, web-based virtual manipulatives and concept tutorials for math instruction.	Grades: K–12
TopMarks	TopMarks is a UK-based site that provides a database of resources for teachers as well as online learning games for students.	Grades: PreK–8
VirtualNerd	More than 1,500 video lessons ranging from middle-grade math through algebra.	Grades: 6–12