

Mathematics (Web Resources)

[AAA Math](#): Features a comprehensive set of interactive arithmetic lessons. Unlimited practice is available on each topic which allows thorough mastery of the concepts. You can sort by grade level. K-8.

[Against All Odds: Inside Statistics](#): This resource shows students the relevance of statistics in real-world settings. Video series for high school and college classrooms.

[Algebra: In Simplest Terms](#): A step-by-step look at algebra concepts. This instructional video series for high school classrooms is produced by the Consortium for Mathematics and Its Applications and Chedd-Angier.

[Calculus Lifesaver](#): Adrian Banner, a lecturer at Princeton, has put together a lecture series (in video) that will help you master calculus, a subject that has traditionally frustrated many students. The 24 lectures are available on [iTunes](#). It's worth noting that Banner has used the lectures to develop a handy book, [The Calculus Lifesaver: All the Tools You Need to Excel at Calculus](#).

[IXL](#): Site features thousands of exercises designed to help young students (K-8) practice math. Features practice questions, step-by-step explanations, engaging awards and certificates, easy-to-read progress reports, and more.

Khan Academy Math: You can dive into the Khan Academy's math tutorials using the following links: [Arithmetic and Pre-Algebra](#), [Algebra](#), [Geometry](#), [Trigonometry](#), [Probability](#), [Statistics](#), [Precalculus](#), [Calculus](#), [Differential Equations](#), [Linear Algebra](#), [Applied Math](#), [Brain Teasers](#), and [Vi Hart Animations](#).

[Math Shack](#): Created by Shmoop, Math Shack allows students to practice an infinite number of auto-generated math problems in Pre-Algebra, Algebra, and Geometry. It's Common Core-aligned, and students can see how they're performing—by topic and subject—through an easy color-coded system.

[NRICH](#): The *Nrich* Math Project (based at Cambridge University) offers mathematics resources for children, parents and teachers to enrich learning. It provides resources for students of all ages.

[TutPup Math](#): Helps young children gain confidence and mastery of basic educational skills. Its math section comes recommended by our readers.

[Wolfram MathWorld](#): Bills itself as the web's most extensive mathematical resource. Designed for more advanced students, this collection is provided as a free service by Wolfram Research, makers of *Mathematica*. Topics covered include: [Algebra](#), [Applied Mathematics](#), [Calculus and Analysis](#), [Discrete Mathematics](#), [Foundations of Mathematics](#), [Geometry](#), [History and Terminology](#), [Number Theory](#), [Probability and Statistics](#), [Recreational Mathematics](#), and [Topology](#).