



Mathematics

Recommended Databases

- [Gale OneFile: Science](#)
A Gale database featuring the latest developments in science, including advanced mathematics. Can be used to find full-text articles.
- [General Science Full Text](#)
An EBSCOhost database featuring full-text works from a variety of scientific periodicals from 1995 or later. Includes full-text articles on mathematics.
- [Learning Express: Core Math and Science Skills](#)
An exam prep database that contains a section on math, algebra, statistics, geometry, etc. Includes tutorials, practice exercises, online textbooks, and flashcards.
- [Testing & Education Reference Center: Basic Skills Math Tutorials](#)
A website containing hundreds of tutorials for college level mathematics, algebra, and geometry with practice quizzes and instructional videos.
NOTE: Navigate to the math tutorials by hovering over the **Basic Skills** tab, then clicking **Basic Skills Math Tutorials**.
- [Applied Science & Technology Full Text](#)
An EBSCOhost database containing indexes, abstracts, and full-text articles on applied science specialties. Includes articles on mathematics within an applied science context.

Recommended eBooks

- [Mathematics for Business, Science, and Technology](#), by Steven T. Karris
A full-text online textbook with instruction for college-level mathematics, including algebra, geometry, probability and statistics, calculus, and more.
- [Handbook of Mathematical Formulas and Integrals](#), by Alan Jeffrey
A full-text online guide to formulas and practices used in various areas of college-level math. A good book to reference while learning specific functions.
- [Algebraic Geometry: A Concise Dictionary](#), by Elena Rubei
A full-text online dictionary of terms used commonly in algebra and geometry, including definitions, references, and theorems. A good reference work to consult.

Recommended Websites

- Algbasics.com
A website with free video tutorials on algebraic functions (i.e., equations, factoring, functions, exponents, polynomials, etc.)
- Calculator.com
A website with a selection of free online calculators such as fractions, percentages, scientific, loan, mortgage, temperature, feet & inches, etc.
- Geogebra
A website with free online math apps, including a graphing calculator, a 3D calculator, and a CAS calculator. It also has a Classroom Resources section which contains tutorials and practice exercises for various math practices.
- Encyclopedia of Mathematics
An online, open-access reference work that can be consulted for background information on common terms used in mathematics.
- TI 83 Interactive Graphing Calculator
A digital graphing calculator that can be downloaded as an app to a computer and used to complete graphing assignments.
- Khan Academy
A website full of open-access courses and tutorials teaching all areas of education, including various levels and subjects of math.
NOTE: To navigate to the math resources, select the **Courses** button at the top of the page and select an area or level of math to search or explore.
- Cram
A website designed to create and share digital flashcards. You can search by subject for flashcards made by others or create your own specific to your project.
- SparkNotes Study Guides
SparkNotes is a website with study guides for all subjects (primarily for literature). It has a section of Math Study guides which contains tutorials for a number of math practices, such as algebra, geometry, trigonometry, and calculus.