

MATHEMATICS

Mathematics must be taught each year. There are many ways to address this requirement and you might find the following resources helpful.

ENGAGE NY

[HTTPS://WWW.ENGAGENY.ORG/](https://www.engageny.org/)

EngageNY was created and is currently maintained by the New York State Education Department (NYSED). NYSED worked with various partners to develop curriculum materials in mathematics for grades Pre-K to 12, and these materials have been made available, for free, to the public through EngageNY.

PBS MATHEMATICS

[HTTPS://NY.PBSLEARNINGMEDIA.ORG/SUBJECTS/MATHEMATICS/](https://ny.pbslearningmedia.org/subjects/mathematics/)

Bring math concepts to life through interactive games, animations and engaging media resources.

Interactive lessons, videos, audio programs, image galleries, and lesson plans covering kindergarten through early college level mathematics.

Special collections address geometry, algebra, statistics, and probability.

KHAN ACADEMY

[HTTPS://WWW.KHANACADEMY.ORG/](https://www.khanacademy.org/)

Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empowers learners to study at their own pace.

Created by experts, Khan Academy's library of trusted, standards-aligned lessons covers math from kindergarten through early college.

NATIONAL MUSEUM OF MATHEMATICS

[HTTPS://MOMATH.ORG/UPCOMING-EVENTS/](https://momath.org/upcoming-events/)

The National Museum of Mathematics strives to enhance public understanding and perception of mathematics. Its dynamic exhibits and programs stimulate inquiry, spark curiosity, and reveal the wonders of mathematics.

MoMath offers online programs and virtual field trips. Although many programs are free, some require registration and a few are fee based.

PRINT RESOURCES

ANR 510.71 Peterson

Everything you need to ace math in one big fat notebook

510 Gibilisco

Everyday math demystified

510 Help

Help your kids with math; a unique step-by-step visual guide.

510 Slavin

All the math you'll ever need; a self-teaching guide

J 510 Zaslavsky

Number sense and nonsense;

building math creativity and confidence through number play

J 513 Schmidt

Life of Fred (series)

DIGITAL RESOURCES

TedED Math Channel

<https://ed.ted.com/series/math-in-real-life>

TedEd celebrates the wonder of math "in real life."

Numberphile

<https://www.youtube.com/user/numberphile>

<https://www.numberphile.com/podcast>

Numberphile explores topics from a variety of fields of mathematics.

Crash Course Videos (on YouTube)

<https://www.youtube.com/user/crashcourse/playlists>

Crash Course provides fast-paced and engaging video lessons on a variety of academic subjects, including k-12 mathematics.