Online Learning Math Resources for Grades 6 - 12
GPB Education • PBS LearningMedia

GPB Education Outreach Specialists
@GPBEducation

Tracey Wiley
twiley@gpb.org
@twileyGPB

MichaelKuenlen
mkuenlen@gpb.org
@mkuenlen

Life-long Learning Begins Here

—

PBS LearningMedia
gpb.pbslearningmedia.org

PBS LearningMedia offers a searchable repository of digital collections (150K+) based on PBS shows. All resources can be streamed, shared, saved, and curated for an efficient and engaging instructional experience.

—

GPB Education
www.gpb.org/education
@GPBEducation

GPB provides unique, no-cost digital resources and training for all Georgia educators and students.

Georgia Home Classroom
https://www.gpb.org/education/learn

GPB, in partnership with the Georgia Department of Education (GaDOE), is offering broadcast programming and accompanying digital resources that adhere to Georgia's state standards.

GPB Archived Webinars
https://www.gpb.org/education/professional-development/online-training

Archive of 50+ on-demand webinars for detailed professional learning.

PBS LearningMedia

Favorite STEM Collections
https://sites.google.com/gapps.gpb.org/socialstudies/stem

MAJESTY OF MUSIC AND MATH
https://www.pbslearningmedia.org/collection/majesty-music-math-collection/#.XpTCIDJKiLI

The Majesty of Music and Math is a New Mexico PBS multi-media documentary that explores the interconnectedness of music and mathematics.

PBS MATH CLUB
https://www.youtube.com/user/PBSMathClub

PBS Math Club is the best math study group ever. Our vlog helps you with your homework ... and makes you laugh. We cover the 7th grade Common Core Standard for math; topics like adding and subtracting integers, equations, ratios and proportions, and statistics. We use uncommon examples like Mean Girls to explain adding negative numbers in our show. Yep, check it out.

MATH AT THE CORE
https://www.pbslearningmedia.org/collection/mathcore/

Find engaging media and integrated activities, all aligned with the Common Core State Standards in Mathematics. Designed for middle school students of diverse learning styles and backgrounds.

1<3 MATH
https://www.pbslearningmedia.org/collection/i-3-math/

This video series introduces key Common Core concepts in mathematics. Each video focuses on building conceptual understanding of a topic so that students understand the "how" and "why" behind mathematical problem-solving.

INSPIRING MIDDLE SCHOOL LITERACY: MATH
https://www.pbslearningmedia.org/collection/midlitmath/

Each blended lesson uses video, activities, note taking, reading and writing to present students with engaging topics while addressing a range of literacy strategies listed in the teacher's guide.

OTHER RESOURCES

IGNITE MY FUTURE
https://www.ignitemyfutureinschool.org/resources/curriculum

Ignite My Future in School provides middle school educators with standards-aligned, transdisciplinary resources designed to effectively engage classrooms with the foundations of computational thinking across core subject areas. **Choose MATH from the Subject dropdown menu**

SIEMENS STEM DAY
https://www.siemensstemday.com/educators/activities?c=4&g=

Siemens STEM Day provides tools for students from their first experiences with problem-solving, experimentation, and the scientific method, all the way through to an advanced understanding of STEM principles.

TGR EDU
https://tgreduexplore.org/curriculum

Use these interactive resources for grades 6-12, to develop problem-solving and decision-making skills with real-world applications in college access and STEM learning. **Choose MATHEMATICS from the Topic dropdown menu**

FOOTBALL BY THE NUMBERS
http://footballbythenumbers.discoveryeducation.com/

This virtual field trip is an engaging educational program designed to harness students' love for football to engage them in key math and science concepts.

DISCOVER DATA
https://www.discoverdatainschool.org/

This program introduces students across the country to relatable, real-world applications of data and the professionals using that data to innovate the future.