Below is a list of online resources for educators in mathematics. The following links lead to external websites that are not maintained by or in any way affiliated with the Arizona Department of Education.

General PreK-12 Math Resources

- <u>Illustrative Mathematics: tasks and other resources for each standard</u>
- <u>Illustrative Mathematics Practice Standards Videos</u>
- <u>Virtual Manipulatives</u>
- <u>Arizona Promising Practices (Resources to Educating Students with</u> <u>Disabilities)</u>
- <u>High Leverage Practices</u>
- IRIS Center (Resources for Working with Students with Disabilities)
- Group Work Tasks
- <u>CCSS-CTE Classroom Tasks</u>
- Formative and Summative Assessment Tasks
- <u>Rich Mathematical Tasks</u>
- <u>Activities with Rigor and Coherence from NCTM</u>
- <u>Kahoot (online games and trivia quizzes</u>)
- PyraMath: (Interactive Arithmetic Game)
- NCTM Illuminations
- Engage NY (Math Lesson Materials and Resources)
- Careers that Use Math
- Pedagogical Tools and Mathematical Activities
- Growth Mindset Strategies, Math Lessons and Resources
- Universal Design for Learning
- <u>Mathematics Education Collaborative</u>
- <u>Which One Doesn't Belong</u>
- <u>Math Songs with Video</u>
- PBS Math Club
- PBS Math Games, Animations, and Media Resources
- Math Puzzles and Handouts
- <u>Top Marks Math Games</u>
- Fun Brain Math Games
- <u>Sheppard software: Math Games</u>
- <u>Inside Mathematics: Resources and Tasks</u>
- <u>Math Lessons and Publications</u>
- <u>Rubric Creator for Project-Based Learning</u>

Early Childhood-PreK Math Resources

- Online Math Games
- Early Math Resources
- <u>Pre-K Math Printables and Resources</u>

Kindergarten-Grade 2 Math Resources

- Numeration and Basic Operations Math Game (helpful for students with dyscalculia):
- Interactive Whiteboard Resources
- Listening to Children's Thinking
- Toy Theater | Educational Games for Kids
- Free Math Apps

Grades 3-5 Math Resources

• <u>Numeration and Basic Operations Math Game (helpful for students with dyscalculia)</u>

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- Dan Meyer's 3 Act Math Tasks
- <u>Interactive Whiteboard Resources</u>
- Graham Fletcher
- Free Math Apps
- Math Reasoning Inventory

Grades 6-8 Math Resources

- Middle School Inquiry Based Activities
- Dan Meyer's 3 Act Math Tasks:
- Desmos: Classroom Digital Activities
- <u>Video Lessons</u>
- <u>GeoGebra</u>

Grades 9-12 Math Resources

- Dan Meyer's 3 Act Math Tasks:
- Desmos: Classroom Digital Activities
- Proof Blocks
- <u>GeoGebra</u>
- <u>Video Lessons</u>