



Mathematics and Adult Numeracy Curriculum & Instruction PD Center

Keeping Adult Learners Engaged in Worthwhile Math Experiences Online

Please [contact us](#) if you would like some one-to-one support trying out any of the resources below. Our job is to help make your job easier!

Be aware that all of the resources listed below have been developed for K – 12 students, not adult learners. Therefore, you will need to vet the resources you choose to use. The math content is appropriate for most of our students but you want to be sensitive to lessons that include grade levels.

Learnzillion

[Learnzillion](#) is not a series of drill on computation, but rather an opportunity for all of us to continue to build conceptual understanding of core math activities. Our SABES Math Center has referenced this site ourselves when we need a quick explanation about why a procedure works. All levels. Free during school closure.

<https://learnzillion.com/resources/73936-math-instructional-videos-full-collection>

Eureka Math

Free access to the Eureka Math (EngageNY) curricular materials and daily video lessons delivered by Great Minds teachers. All levels. <https://gm.greatminds.org/en-us/knowledgeonthegeo>

Illustrative Math

Free access to Illustrative Math (IM) 6-8 and 9-12, including student and teacher materials (available with free registration). All levels. <https://www.illustrativemathematics.org>

Carnegie Learning

Carnegie Learning provides free access to lesson videos, student practice, and MATHia software for adaptive, student-centered learning. Level: 6th grade to HS.

<https://docs.google.com/spreadsheets/d/1lkWYOAnNLCrNWCP7ioauKGWeTynbllE-T-SXZSql6BTQ/edit#gid=716832131>

Math Learning Center

Free math apps are available at the [Math Learning Center](#). These virtual resources can be used to demonstrate an activity or problem you might do face-to-face. Level: K to 6th grade.

Keeping Adult Learners Engaged in Worthwhile Math Experiences Online (continued)

PBS Learning Media

Free resources including interactive games, animations, and videos. All levels.

<https://mainepublic.pbslearningmedia.org/subjects/mathematics/#.Xqtl4M6SmUk>

CK-12 Foundation

[CK-12 Foundation](#) is another online resource that includes lessons for math, science, and a little social studies. According to one adult educator, "The FlexBook option was a favorite for my students because they could highlight the readings, take notes on virtual "sticky notes", and view everything on their phone." Level: 6th grade to HS.

Mathplayground

While the title [Mathplayground](#) implies math games for kids, the math involved is so appropriate for many of our adult learners. Most of us love games and there are many thinking games which can help develop critical math thinking such as [algebraic reasoning](#) and [proportional reasoning](#) (using thinking blocks which are a form of Singapore Strips or tape diagrams). All levels.

Funbrain

[FunBrain](#) has activities that would be perfect for kids and parents to work on together. For example, Number Cracker would be appropriate for many of our students. Level: K -5th grade.

<https://www.funbrain.com/games/number-cracker-game>

Contact our PD Center or follow us on social media

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