

This *LINCS Professional Development Guide for Math and Numeracy* shares evidence-based professional development learning opportunities through the Literacy Information and Communication System (LINCS) for Instructors, Program Administrators, Professional Developers, State Staff, and more. LINCS is a national leadership initiative of the U.S. Department of Education’s Office of Career, Technical, and Adult Education (OCTAE), which seeks to expand evidence-based practice in adult education.



LINCS Community

The [LINCS Community](#) provides adult educators with opportunities to ask questions, learn from peers, share expertise, and attend virtual live events presented by experts in the field. The 13 moderated online Community groups focus on core professional development topics, and the corresponding group for this topic is listed below. Instructions on how to join a group are available on each group’s home page. Join and subscribe to notifications today!

Link to Join	Target Audience
Math and Numeracy Group*	Adult education practitioners, advocates, researchers, learners, policymakers, and others

*A [LINCS account](#) is required to join and to post and reply in discussions. Certificates of attendance are provided for live events.



LINCS Courses

[LINCS courses](#) are evidence-based, self-paced professional development online courses for adult educators. Below are courses available for this topic with downloadable certificates of completion.

Log in or [create an account](#) to take courses.

Self-Paced Courses Available	Time	Target Audience
Universal Design for Learning - Making Math Matter	1.5 hrs	Instructors, program managers, professional developers, and others



LINCS Learner Center

The [LINCS Learner Center](#) provides adult learners with free online resources they can explore around reading, math, science, English, job skills, citizenship, health, and more. Specific resources on this topic that instructors can share with their adult learners are below.

Resources to Explore	Target Audience
Refer learners to the Learn Math section of the Learner Center to help them access online resources to reach their goals.	Adult learners, instructors



LINCS Resource Collection

The [LINCS Resource Collection](#) provides high-quality, evidence-based instructional resources for use by adult educators. Search the collection by category, keyword, or date to generate a list of resources by publication date. For resources on the topic, go to the collection for [Math and Numeracy](#). Below are selected resources to get started.

Selected Resources	Target Audience
A Collection of Four Standards-in-Action Classroom Videos and Two Video Resource Packages for Mathematics	Program administrators, instructors, policymakers, and professional developers
A Pathway to Equitable Math Instruction	Program administrators, instructors, professional developers, and others
Changing the Equation: Empowering Adult Learners with Edtech	Program administrators, instructors, and others
Issue Brief: Financial Literacy	Program administrators, instructors, professional developers, and others
Math for Trades: Volume 1	Instructors
PIAAC Numeracy Skills and Home Use Among Adult English Learners	Program administrators, instructors, professional developers, and others
Standards-in-Action 2.0 Observing in Mathematics Classrooms	Program administrators, instructors, policymakers, and professional developers



LINCS State Resources

LINCS offers facilitated [technical assistance and professional development opportunities](#) directly to states by request. Monthly “universal” technical assistance webinars are also offered to all state staff and programs on a range of topics, with recordings available on the [LINCS ED YouTube](#) channel. Use the [State Technical Assistance Request form](#) to request [training](#) on topics listed below, or any topic in the [LINCS training catalog](#).

State Training Available by Request	Time	Mode
Enhancing Learner Critical Thinking on the Use of Social Media: Numeracy Instructional Strategies	1-3 hours	Virtual or in person
Infographics: Developing a Critical Mindset Towards Data	Half day	Virtual or in person

LINCS Federal Initiatives

LINCS provides information on [federally funded technical assistance initiatives](#) in adult education. The federal initiatives related to this topic are listed below.

Federal Initiatives in Adult Education
• Adult Numeracy Instruction (ANI) 2.0
• OER STEM Project
• Power in Numbers
• Standards-in-Action Resources and Professional Development (see PD Units for Mathematics)
• Teaching Excellence in Adult Education (TEAL) (see TEAL Math Works! Guide)
• Teaching Skills that Matter in Adult Education (TSTM) (see Financial Literacy)
• Universal Design for Learning (see Making Math Matter)