

Math Professional Development



Are you looking for professional development (PD) opportunities to foster conceptual understanding, improve reasoning and justification skills, and share experiences with peers? If your goal is to inspire math learning with an emphasis on meaning, then our PD programs are for you!



The Adult Numeracy Center at TERC helps adults and young adults understand how math is present and relevant in everyday life, and how they can use this knowledge to improve their lives and communities. Our PD programs and workshops are appropriate for teachers of all levels and experience. We can custom design our PD for targeted, content-based workshops or help programs and states create initiatives that put in place a sustainable, long-term model to support both teachers and administrators.

Read on to learn more about the professional development opportunities we offer.

Extending Ideas of What It Means to Do Math

EMPower™ (Extending Mathematical Power): We know mathematical proficiency can help adults more effectively engage with the world. The EMPower™ series helps students accomplish this by building their interest and competency in mathematical problem solving with strategies and approaches designed to appeal to a broad spectrum of learning differences. This mathematics program is appropriate for a variety of settings and intended for non-traditional students enrolled in adult basic education, high school equivalency, and transitional courses in college, as well as students in alternative high schools, workplace settings or correction programs.

Shop EMPower™ print and online products at

<https://www.walch.com/empower-math>

For customized workshops to support program implementation, contact

empower@terc.edu or visit <https://www.empower.terc.edu>



Facilitating a Growth Mindset

CALM (Curriculum for Adults Learning Math): CALM is a 22-unit curriculum for ABE- through ASE-level learners, featuring units that focus on building students' conceptual understanding of core math concepts before delving deeper. Each unit includes complete lesson plans, formative assessments for each lesson, and a performance-based assessment. CALM also focuses on the College and Career Readiness Standards for Adult Education, including the key shifts and the Standards for Mathematical Practice. CALM was designed to help students transfer knowledge and problem-solving skills to various employment settings and life skills. Professional development support is available to ensure teachers can successfully implement CALM as they learn new math strategies themselves.

Learn more and download sample lessons at <https://www.terc.edu/calm>

Training Leaders in Adult Basic Education

On-Demand Professional Development: Sometimes we teach the same math material over and over and just don't feel that students are getting it. The Adult Numeracy Center at TERC will make sure you have the right tools and support to help your students achieve success. Our Center promotes high-quality professional development for adult education staff through training, support, and resources that improve the skills and knowledge of practitioners and strengthen programs. We offer in-person, blended, and online workshops and courses, customizable to your program's needs.

Browse our many offerings at <https://www.terc.edu/adultnumeracycenter/pd-support>

Reaching Higher Level Math Skills

(AR)² (Adults Reaching Algebra Readiness): You know your students need to achieve higher-level math skills connected to the Career and College Readiness Standards. (AR)² will give you the strategies needed to help understand these higher-level math demands at both the conceptual and algebraic level. This research-based program begins with a review of linear functions and progresses to systems of equations, with the math presented in real-life contexts. By the end of the series you'll be able to turn everyday experiences into opportunities for teaching algebraic topics; work with algebraic expressions/equations in various formats; solve a system of equations graphically and algebraically.

Learn more at <https://tinyurl.com/AR2ProfDev>

Contact Us for a Successful Math Future

To make sure your students are ready to tackle the future with critical thinking skills and solid understanding, contact our nationally acclaimed team to learn more about scheduling your next professional development opportunity.

Email: adultnumeracy@terc.edu

Phone: 617.873.9801

Website: <https://terc.edu/adultnumeracycenter>

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