

REL Corner: Science, Technology, Engineering, and Math (STEM)

[Find more about the REL Appalachia and its work](#), and dive into these resources on STEM.

- [Engaging Families and Community Members in Mathematics](#). These materials from REL Appalachia’s community math nights are designed to engage educators, children, and family members in learning and talking about mathematics.
- [Two Strategies to Help Your Child Learn to Love Math](#). This video shares two practical, evidence-based strategies for helping parents and guardians lay the foundation for math success.
- [Supporting STEM in Rural Contexts](#). This webinar highlights strategies to support science, technology, engineering, and math (STEM) learning opportunities in rural contexts.
[Improving Students’ Attitudes and Beliefs About Mathematics](#). This literature summary describes research-based practices and strategies to build math educators’ capacity to improve student attitudes and beliefs about math.
- [What are some research-based practices for closing racial, socioeconomic, and disability-based achievement gaps in science for elementary, middle, and high school students?](#) This Ask A REL response shares research reports and descriptive study articles on closing racial, socioeconomic, and disability-based achievement gaps in science for K-12 students.
- [Exploring the foundations of the future STEM workforce: K–12 indicators of postsecondary STEM success](#). This literature review identifies malleable factors that can be measured in K–12 settings and that predict students’ postsecondary science, technology, engineering, and math (STEM) success, particularly for Hispanic students.
- [What research and resources are available on the implementation of work-based learning experiences in STEM fields, particularly for high-need students?](#) This Ask A REL response shares research reports and descriptive study articles on the implementation of work-based learning experiences in STEM fields.
- [What does research say about encouraging women and girls to pursue careers in STEM?](#) This Ask A REL response shares research reports and descriptive study articles on encouraging women and girls to pursue STEM careers.