Science, technology, engineering, and mathematics (STEM) is more than a concept diagram with connections among four (or more) subject areas. It’s a unique way of knowing and exploring the world. The STEM approach involves the essence of the practices of science and engineering. Tools like communication skills are interwoven in STEM explorations. That seamlessness is what challenges educators around the world. Below is a sample compilation of NSTA offerings, resources, and tools—selected based on their multidisciplinary nature and ability to integrate across two or more subject matters—to help teachers provide quality STEM instruction.
The STEM Forum & Expo is a unique, focused event that brings together (informal and formal) educators and representatives from exhibiting companies who are interested in, and who have tools and resources to share that will ensure successful implementation of STEM education into our schools and communities. It is intended to provide resources for educators and organizations seeking to learn more about STEM education, associated outreach programs, partnerships, schools, and curricula.

**Picture-Perfect SCIENCE**

Author Workshops and Online Course

Learn how to use picture books to inspire elementary STEM.

**Competition**

NSTA hosts a number of large-scale, nationally known grant and awards programs for educators and offers several exciting competitions and enrichment programs that engage students and encourage them to explore the real-world application of STEM. NSTA-sponsored competitions are available at no charge to compete or register.
An online journal featuring articles about highly effective programs and sharing research that connects preK–12 STEM learning in schools and out-of-school settings, specifically highlighting effective mechanisms for collaboration and co-creation.

csl.nsta.org

A joint project of the American Society for Engineering Education, the International Technology and Engineering Educators Association, the National Science Teachers Association, the Society of Elementary Presidential Awardees, and the Children's Book Council. Annually published list of best trade books with STEM content for students in kindergarten through 12th grade.

Awards

NSTA’s Teacher Awards Program honors inspiring and deserving teachers annually for outstanding achievements in STEM education. Many committed companies and organizations partner with NSTA and provide financial support for these awards.

- Northrop Grumman Foundation Excellence in Engineering Education Award
  Recognizing excellence in the field of engineering education

- Vernier Technology Awards
  Recognizing the innovative use, or potential use, of data-collection technology

Need more information?
Find your NSTA regional representative at www.nsta.org/salesreps