



### ABOUT NCTM

- The National Council of Teachers of Mathematics is the public voice of mathematics education, supporting teachers to ensure equitable mathematics learning of the highest quality for all students through vision, leadership, professional development, and research.
- Founded in 1920, NCTM is the world's largest mathematics education organization, with 70,000 members and more than 230 Affiliates throughout the United States and Canada.

### PRINCIPLES AND STANDARDS

- *Principles and Standards for School Mathematics* outlines the essential components of a high-quality school mathematics program and presents a common foundation of mathematics to be learned by all students. It provides guidelines for excellence and calls for all students to engage in more challenging mathematics.
- *Curriculum Focal Points*, published in 2006, identifies three important topics at each grade level pre-K–8, and is the next step in implementing the *Standards*.
- *Focus in High School Mathematics: Reasoning and Sense Making* (2009) and related topic books set forth a vision of high school mathematics putting reasoning and sense making at the core of learning.
- *Principles to Actions: Ensuring Mathematical Success for All* (2014) describes the principles and actions that are essential for a high-quality mathematics education for all students.

### PUBLICATIONS AND RESOURCES

- NCTM publishes five professional journals: *Teaching Children Mathematics*, *Mathematics Teaching in the Middle School*, *Mathematics Teacher*, the *Journal for Research in Mathematics Education*, and *Mathematics Teacher Educator*. Other publications include the *NCTM Summing Up*, the monthly member newsletter, and a catalog of more than 200 educational books and other materials.
- NCTM's website, [nctm.org](http://nctm.org), includes a variety of teacher resources and information about jobs and new products as well as information about NCTM and its programs.

### PROFESSIONAL DEVELOPMENT

- The Council holds an annual meeting and exposition along with three regional meetings each year, with a combined attendance of 25,000. Teachers of mathematics and others attend lectures, panel discussions, and workshops and view exhibits of the latest mathematics education materials and innovations.
- NCTM offers a diverse array of professional development events, services, and resources. The Professional Development Web page has information about future offerings, including institutes for teachers focused on teaching mathematics with reasoning and sense making at the core.

### RESEARCH

- NCTM works with Council leaders, staff, researchers, and practitioners to synthesize and summarize existing research that supports the organization's mission and objectives, products, and services.
- NCTM's Research Clips and Briefs focus on research that links mathematics to education practice.

### LEGISLATIVE AND POLICY LEADERSHIP

- To represent the interests of its members, NCTM engages in government relations activities dedicated to constructive policy discussions among all stakeholders to determine what is best for students.
- The NCTM Advocacy Toolkit, available to NCTM members, is a collection of materials to give individuals the tools and guidance they need to advocate for mathematics and education.

### GRANTS AND AWARDS

- NCTM's Mathematics Education Trust (MET) provides funds directly to teachers, Affiliates, and institutions to enhance mathematics education. MET offers grants, scholarship and award programs, and a lifetime achievement award.