

ABOUT NCTM

The National Council of Teachers of Mathematics advocates for high-quality mathematics teaching and learning for each and every student through a focus on teaching and learning; access, equity, and empowerment; member value; and advocacy. Founded in 1920, NCTM is the world's largest mathematics education organization, with 30,000 members and more than 230 Affiliates throughout the United States and Canada.

STANDARDS AND POSITIONS

- *Catalyzing Change in High School Mathematics: Initiating Critical Conversations* (2018) focuses on the barriers that have long impeded meaningful and necessary change in high school mathematics. In 2020, NCTM released *Catalyzing Change* publications for elementary and middle school.
- *Principles to Actions: Ensuring Mathematical Success for All* (2014) defines effective teaching practices and supporting principles and actions that are essential for a high-quality mathematics education for all students.
- *Principles and Standards for School Mathematics* (2000) outlines the essential components of a high-quality school mathematics program and presents a common foundation of mathematics for all students to learn. It provides guidelines for excellence and calls for all students to engage in challenging mathematics.
- *Curriculum Focal Points* (2006) identifies three important topics at each grade level, PK–8, and is the next step in implementing the Standards.
- *Focus in High School Mathematics: Reasoning and Sense Making* (2009) and books on related topics set forth a vision of high school mathematics by putting reasoning and sense making at the core of learning.

PUBLICATIONS AND RESOURCES

- NCTM publishes a PK–12 practitioner journal, *Mathematics Teacher: Learning and Teaching PK–12*; the premier research journal for the field, *Journal for Research in Mathematics Education*; and *Mathematics Teacher Educator*. NCTM releases new books every year and has more than 200 educational books and other materials in its catalog.
- NCTM's website, nctm.org, includes teacher resources, lessons, an online teacher community, position statements, and job listings as well as information about upcoming programs and services from NCTM.

CONFERENCES AND PROFESSIONAL DEVELOPMENT

- The Council presents an Annual Meeting & Exposition along with Regional Conferences each year, engaging more than 20,000 attendees. Workshops, panel discussions, sessions, and exhibits engage attendees in the latest mathematics education teaching innovations, resources, and technologies.
- NCTM offers a diverse array of professional development events, services, and resources. The professional development web page has information about future offerings, including workshops on supporting learners who struggle, teaching mathematics with reasoning and sense making, and facilitating discourse.

RESEARCH

- NCTM's Research Conferences offer opportunities for the community of researchers to share findings and practices, network and build connections, and discuss key issues to the field.
- NCTM's Research Clips and Briefs provide teachers, leaders, and the public with clear and concise research summaries that can inform teaching and decision making in classrooms, schools, and districts.

LEGISLATIVE AND POLICY LEADERSHIP

- To represent the interests of its members, NCTM engages in government relations activities dedicated to constructive policy discussions in support of quality mathematics learning for each and every student.
- The NCTM Advocacy Toolkit, available to NCTM members, suggests materials, tools, and guidance to support individuals and groups interested or engaged in advocacy for mathematics education.

GRANTS AND AWARDS

- NCTM's Mathematics Education Trust (MET) directly funds teachers, Affiliates, and institutions to enhance mathematics education by offering grants, scholarships, awards, and the NCTM Lifetime Achievement Award.