



NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

THE NATION'S PREMIER MATH EDUCATION EVENT

2015 NCTM ANNUAL MEETING & EXPOSITION

April 15–18 • Boston



EFFECTIVE TEACHING TO ENSURE MATHEMATICAL SUCCESS FOR ALL

PULLING TOGETHER

Join NCTM in Boston as we bring together thousands of education professionals for the nation's largest math education event.

Go beyond the classroom to examine the innovative ideas that can improve the quality of learning for every student.

- Gain insights into implementation and assessment of the **Common Core State Standards** for Mathematics.
- Learn about **Principles to Actions: Ensuring Mathematical Success for All**, which describes what is essential for a high-quality mathematics education.

- Collaborate with peers on concepts that diversify learning and **support student learners.**

- Explore **more than 700 sessions** to help you grow and learn as a teacher.
- Discover fresh ways to **integrate mathematics into other disciplines.**

WHO SHOULD ATTEND?

- Pre-K–12 teachers
- Math teacher educators
- New and soon-to-be-teachers
- Math coaches and specialists
- Math researchers
- School and district administrators



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features

466 Area Conceptions Sprout on Earth Day

*Megan H. Wickstrom, Julie Nelson,
and Jean Chumbley*

Within the context of gardening, students examine rectangles with the same perimeter to see if and how their areas differ.

476 Unfolding a Problem

Sarah Cox Currier

Learn how origami is more than arts and crafts; it can take problem solving in new directions.

484 Caution: Venn Diagrams Ahead!

*Dovie L. Kimmins and
J. Jeremy Winters*

To highlight potential roadblocks, we contrast how this tool is typically used in mathematics and language arts, then circle back to make recommendations for your teaching practice.

494 Oral Language Needs: Making Math Meaningful

*Michelle H. Pace
and Enrique Ortiz*

A mathematics vocabulary strategy helps kindergartners form real-world connections.



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HONGQI ZHANG/THINKSTOCK

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Activity sheet for *iSTEM*, p. 502



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remainders

- 483** [call for manuscripts: 2016 Focus Issue: Revealing the Facets of Assessment](#)
- 511** [Mathematics Education Trust \(MET\): Apply for Grants and Awards](#)

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in the next issue

- +** Students may excel in computation, but their ability to apply their skills will suffer if they do not understand the math vocabulary used in instructions and story problems. In an action research project, Faye Bruun, Joan M. Diaz, and Valerie J. Dykes examined two methods for strengthening students' ability to communicate mathematically. Be sure to read "The Language of Mathematics" in the May issue.