

# HOT Topics

*Teaching Children Mathematics (TCM)* is interested in publishing articles on “hot topics” that *TCM* readers have noted as subjects of high interest on reader surveys. By highlighting the issues and challenges that face mathematics educators today, the *TCM* Editorial Panel hopes to provide teachers and teacher educators with resources to assist them in their efforts to meet the mathematical needs of all students.

We invite authors to share their classroom experiences and ideas. Manuscripts that include photographs and samples of student work or dialogue are especially encouraged.

The following list of topics and related questions is intended as a guide for authors. Manuscripts that address related issues are always welcome.

## ***The Principles to Actions: Ensuring Mathematical Success for All***

- In what ways can NCTM’s *Principles to Actions* (2014) inform the teaching and learning of mathematics?
- How do the mathematics teaching practices intersect with the Common Core’s Standards for Mathematical Practice?
- How are the mathematics teaching practices shaping or influencing your professional practice?
- What professional development are you doing to support your colleagues in implementing the ideas of *Principles to Actions*?

## **Intervention strategies**

- What evidence supports using instructional intervention strategies to ensure that all students succeed in today’s high-stakes testing environment?
- What is the most effective way to manage intervention while still moving students forward?
- Which classroom structures effectively support intervention strategies?

- How can teachers successfully manage intervention strategies while meeting the diverse needs of all students?

## **Professional learning collaborations**

- Which strategies successfully foster communication among teachers at the same grade level? Across grade levels?
- How can vertical teaming activities be developed and implemented in a multigrade school?
- How do we get started using book studies, lesson studies, and team-planning initiatives within our professional learning communities?
- How does team scoring affect student work and teaching practices?

If you have interesting ideas, research, or classroom-tested approaches concerning any of these topics, please share them by writing for the journal. Submit a manuscript to *TCM* at <http://tcm.msubmit.net>. For detailed manuscript-preparation guidelines, go to [www.nctm.org/journalsubmissions](http://www.nctm.org/journalsubmissions). Direct any questions to the journal editor at [tcm@nctm.org](mailto:tcm@nctm.org).



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