

Technology



Technology is an essential tool for learning mathematics in the twenty-first century, and all schools must ensure that all their students have access to technology. Effective teachers maximize technology's potential to develop students' understanding, stimulate their interest, and increase their proficiency in mathematics. When technology is used strategically, it can provide access to mathematics for all students.

National Council of Teachers of Mathematics (NCTM). 2008. "The Role of Technology in the Teaching and Learning of Mathematics." Position paper. Reston, VA: NCTM. www.nctm.org/about/content.aspx?id=14233.

The *Teaching Children Mathematics* Editorial Panel is interested in manuscripts that stimulate thinking about the effective use of technology in pre-K–grade 6 mathematics classrooms. Although the list below is not intended to be exhaustive, any of these questions might form the basis of your manuscript:

- How can technology be used effectively to enhance the teaching and learning of mathematics? What evidence have you seen that technology use promotes deeper understanding of mathematics concepts for students?
- How have you or your students used desktop and laptop computers, interactive presentation devices, student response systems, or calculators and other handheld devices?
- How have you or your students used digital tools (applets, computer algebra systems, dynamic

geometry software), collaborative authoring tools (wikis, blogs, podcasts, Web-based spreadsheets), online digital games, or other Internet-based resources?

- How do you use technology with special needs students? With English language learners?
- How do you integrate the use of technology into your assessment tasks?
- Have you had success using an Illuminations (<http://illuminations.nctm.org/>) activity, online game, or lesson? What advice can you offer for how best to incorporate Illuminations technologies into mathematics classrooms?
- How have you used the Internet or other technology to collaborate with teachers or students outside your building to enhance your students' learning of mathematics?
- How have you used technology to engage in opportunities for your own professional growth?

We encourage fully developed feature articles as well as brief, one-page documents. Send submissions to this call for manuscripts to the *TCM* Editorial Panel by accessing **tcm.msubmit.net**. Find detailed information about *TCM*'s departments, tips for preparing manuscripts for publication, and guidelines on how to include photographs, video clips, files, and other resources at **www.nctm.org/journal submissions**.



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