December 2009: STEM: Science, Technology, Engineering, and Mathematics

This issue of *Science Class*—an online companion to *The Science Teacher* (*TST*), NSTA's journal for high school teachers—is devoted to the theme of science, technology, engineering, and mathematics (STEM), which are increasingly important fields in our world today. This issue provides ideas for incorporating STEM into the classroom. Students choose a place to live in a solar-powered motor home, discover two models of laboratory investigation, and use laptops to enhance their science experience.

Click on the cover to view *TST*'s complete December 2009 Table of Contents and read a free article ("Teaching With Laptops") from the issue. Here is a collection of online resources we've compiled that relate to STEM: Science, Technology, Engineering, and Mathematics.

In the News: STEM: Science, Technology, Engineering, and Mathematics

Too busy to sift through the news in search of interesting stories? Click on the link to read current news stories, collected for you by NSTA staff members, that are related to this theme.

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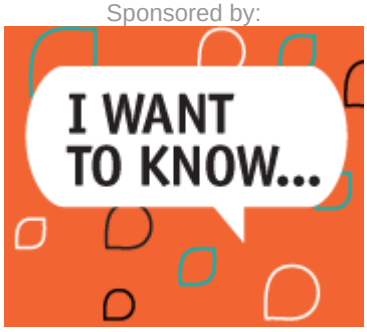

On the Web: STEM: Science, Technology, Engineering, and Mathematics

With so much on the web, it's hard to know what's *really* useful. In this section, you'll find various online resources and opportunities related to this theme.

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From the *TST* Archives: STEM: Science, Technology, Engineering, and Mathematics

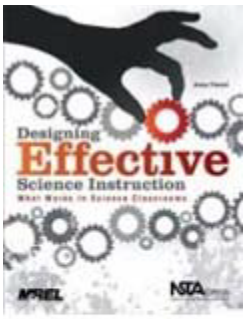
Readers tell us again and again how timeless our journal articles are. So in this section, we've compiled theme-related articles from our archives.

Books, Books, Books: STEM: Science, Technology, Engineering, and Mathematics

Tired of your textbook? Click on this link for a list of some of the high school–level books we've found that relate to this theme.

Coming next month... **Science and Literacy**

- Building Background Knowledge
- Rocks and Rhymes!
- More Than Writing-to-Learn
- Writing Better Lab Reports
- Laboratory Notebooks in the Science Classroom
- Gel Electrophoresis on a Budget to Dye For



Teachers K-12
Implement the C-U-E framework—Content, Understanding, and Environment—into your classroom to improve science instruction.

Teachers 9-12
Use your local forest as the perfect lab for learning basic principles of environmental science, ecology, and biology.