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Learning Doesn’t Take a Vacation

- A Traveler’s Guide to the Universe
- Is Your Soil Sick?
- Slithering Into Summer

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Learning does not have to stop over the break. This issue features ways to extend science into summer. Cover image provided by olivewong for shutterstock.com
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*Cover images by Kali Nine for iStockphoto*
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We know students learn better when parents support their education. This issue celebrates diverse strategies for connecting families to their children’s science learning.

Cover image by kirin_photo for iStockphoto.
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When you consider the current state of technology, you may wonder if you stepped into a time machine. The technological proficiency of today's children is astounding, and the debates over how much "screen time" students should have is ongoing. But in this issue, we focus on ways to enhance student learning and assessment with the myriad tools available.

Cover image provided by bowdenimages for iStockphoto.

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Who doesn’t love a good story? Science may be perceived as dry and sterile, but we know better. In this issue, you’ll find all the ideas you need to teach science as a story—complete with inquiry investigations and dynamic questions and processes.

Cover image provided by Fatih for iStockphoto.
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Move It!
Motion & Forces

- May the Force Be With You!
- Let It Roll
- Inquiry Science and
  Active Reading
In this issue, it's all about movement! Students' misconceptions go out the window as they reconceptualize their understanding of motion and forces.

Cover by Joseph Butera. Images provided by iStockphoto.
Maps and Models

- Sizing up the Solar System
- Make Your Own Snow Day!
- Math, Science, and Models
In this issue, we explore strategies for teaching students how to best use maps and models, as well as why we use them.

Cover by Joseph Butera. Images provided by iStockphoto.
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Research tells us that regular and high-quality assessment in the classroom can positively affect student achievement. In this issue, teachers assess not only the learning of students but also the effectiveness of the opportunities they provide to students to develop this understanding.

*Cover by Shawna Hollen. See more of her photos in “The Case of Lobster Shell Disease” on p. 54.*

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Switching From Cookbook Labs to Full Inquiry

- Lose the Recipe
- Fire Up the Inquiry
- From “Adding Inquiry” to “Doing Science”

Plus! The Annual Outstanding Trade Books List
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Kimberly Lott

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Paula A. Magee and Ryan Flessner

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Mary Jean Lynch and John Zenchak

**59 Outstanding Trade Books for Students**
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Books published in 2010
Selected by the NSTA/Children's Book Council Joint Book Review Panel

Throw out the recipe! This issue shares ways to move beyond cookbook labs and into full inquiry.
Cover by Lucia Bracamontes.
Images provided by iStockphoto.
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March 2011
Science Notebooks

- A Laboratory of Words
- Learning English, Learning Science
- Reuse That Notebook!
Inquiry and notebooks go hand in hand. This issue celebrates this vital science tool and explores new methods of embedding reading and writing into your science curriculum.

Cover images provided by Blend Images/Fotosearch.

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Process Skills
- Nature's Palette
- Measurement Informs Understanding
- Beyond Predictions

Plus!
Professional Development Pathways
Our Year of Inquiry continues with an exploration of process skills. In this issue, students observe, infer, measure, and more as they build skills they will use in science class and beyond.

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NSTA JOURNAL
Science and Children

Science and Children

September 2010
Vol. 48 No. 1

In This Issue:

A Year of Inquiry begins! In this issue, students practice thinking and acting like scientists through a variety of investigative strategies.

Plus, we debut a new column based on the best-selling NSTA Press series Uncovering Student Ideas in Science Formative Assessment Probes features a probe and describes how it can be used and adapted in the classroom. More important, it suggests ways to

Science and Children

July 2010
Vol. 47 No. 9

Professional development should never be one-size-fits-all. This issue examines how to find the right professional development experiences for you—and how to make the most of it.

Science and Children

April 2010
Vol. 47 No. 8

Weather is all around us, but unfortunately so are misconceptions about weather. In this issue, students go beyond making weather observations to challenge their conceptions.
Science and Children

March 2010
Vol. 47 No. 7

STEM is everywhere in the news these days. This issue puts science, technology, engineering, and mathematics where they belong—in classrooms!

Science and Children

February 2010
Vol. 47 No. 6

Science helps us understand the world, so why not reach out to your community to give your lessons real world context? This issue shows you how, whether urban or rural, inside or out.

Science and Children

January 2010
Vol. 47 No. 5

Activate your students’ sense of wonder with the amazing diversity and adaptations found in nature. This issue opens up a world of teaching opportunities, from concepts like symbiosis and extinction to process skills like observation and classification.