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January 2010: Observations and Data from Nature

Using the great outdoors as an extension of your science laboratory gives you access to real-world data that students will find fascinating, relevant, and engaging. In this issue of *Science Class*, the online companion to *Science Scope*, we explore strategies for taking your students beyond the classroom walls, and bringing the world into the classroom. Click on the cover to view the full table of contents and read a free article ("Exploring Sound with Insects") from the issue. Here are more resources related to the theme: **Observations and Data from Nature.**

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[In the News: Observations and Data from Nature](#)

Too busy to sift through the news to find something you need? Click here to read current news stories, collected for you by NSTA staff members.

[On the Web: Observations and Data from Nature](#)

With so much on the web, it's hard to know what's *really* useful. In this section, you'll find SciLinks (websites that have been reviewed by NSTA and your peers), links to web seminars, and various other opportunities related to this theme.

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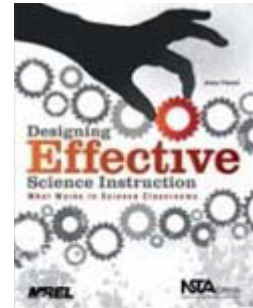
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[Articles from the Science Scope Archives: Observations and Data from Nature](#)

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

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

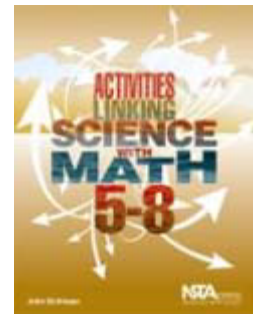
[Books, Books, Books: Observations and Data from Nature](#)

Tired of your textbook? There are lots of alternative resources available. Click here for a list of middle school-level books related to this theme.

Coming Next Month... **Differentiated Learning**

- Visual Formative Assessments
- Unit Pages
- Differentiating Through Choice

If you would like to read another grade level (elementary or high school) of *Science Class*, or if your colleagues would like to subscribe, please go to <http://www.nsta.org/publications/enewsletters.aspx>.



20 easily adapted, discovery-based exercises integrating science with math, social studies, and language arts.
Grades 5-8

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