



## Science Education for a New Generation

### *Resources for Review of Next Generation Science Standards*

#### **A Framework for K-12 Science Education: Practices, Crosscutting Concepts, and Core Ideas**

[http://www.nap.edu/catalog.php?record\\_id=13165#description](http://www.nap.edu/catalog.php?record_id=13165#description)

*A Framework for K-12 Science Education* outlines a broad set of expectations for students in science and engineering in grades K-12. These expectations will inform the development of new standards for K-12 science education and, subsequently, revisions to curriculum, instruction, assessment, and professional development for educators.

#### **NSTA Resources: Preparing for Next Generation Science Standards**

<http://www.nsta.org/about/standardsupdate/resources.aspx?print=true>

NSTA has developed a list of resources that take an in-depth look at the *Framework* and explore the implications for science teaching. Examples of what can be found at this site include:

1) An NSTA Reader's Guide to the *Framework*. This guide assists science educators in the study of the *Framework*. For each chapter of the *Framework*, the Guide provides a brief overview, an analysis of what's new and different from previous standards and benchmarks, and suggested actions science educators can take to learn more about the concepts and ideas.

2) NSTA Web Seminars:

- Making the Transition to Scientific and Engineering Practices: Visiting the Potential of the Next Generation Science Standards
- *An Overview of A Framework for K-12 Science Education*

#### **Next Generation Science Standards Website**

<http://www.nextgenscience.org/>

This site provides information about the NGSS development process and justification for the development of these standards. When the standards are released for public review, they will be available on this website.