

**NATIONAL RESEARCH COUNCIL  
BOARD ON SCIENCE EDUCATION**

Conceptual Framework for New Science Education Standards:  
Stakeholder Meeting  
NAS Building, Lecture Room  
2100 C Street, NW  
Washington, DC

**MEETING AGENDA**  
**October 27, 2009**

**Goals for the meeting:**

1. Discuss the need to revise science education standards now
2. Clarify conceptual considerations behind core ideas, standards, benchmarks, and performance expectations and discuss the rationale behind the call for fewer, clearer and higher standards
3. Share initial experiences from the ongoing process of developing common core standards in mathematics and English language Arts
4. Report on the results of NSTA's Science Anchors project
5. Consider insights about the potential role of learning progressions in defining core ideas, gained from a recent meeting at the Academies
6. Present and discuss a new effort to develop a theoretical framework for core ideas in science and for developing standards based on this framework over the course of the next two years.

9:00 a.m.     ***Welcome and Overview of the Meeting***  
Helen Quinn, Chair, Board on Science Education  
Martin Storksdieck, Director, Board on Science Education

**Setting the stage**

9:15 a.m.     ***What has changed? Reasons for tackling new science education standards***  
Heidi Schweingruber, Deputy Director, Board on Science Education

9:35 a.m.     ***The call for fewer, higher, and clearer standards: opportunities and barriers***  
Michele Cahill, Carnegie Corporation of New York  
Comments by Tom Corcoran, Consortium for Policy Research in Education (CPRE) at  
Teachers College, Columbia University

9:55 a.m.     ***Common core standards work in Mathematics and English Language Arts***  
Jean Slattery, Senior Associate, Science, Achieve

10:20 a.m.    ***Science Anchors and the role of the teacher voice***  
Francis Eberle, Executive Director, National Science Teachers Association

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10:40 a.m.    **Break**

**Upcoming and future developments**

10:55 a.m.    *A Core Ideas Framework for Standards: the NRC contribution*  
Helen Quinn and Philip Bell, Board on Science Education

11:15 a.m.    *After the NRC: Developing new science education standards in the coming two years*  
Jean Slattery, Achieve

11:30 a.m.    *Questions and feedback*  
What other organizations need to be part of this work? What strength do they bring?

12:30 p.m.    *Adjourn*