

## Massachusetts Among a Group of States To Lead the Effort to Write New Science Standards

**Massachusetts** is among a group of states selected to lead an important effort to improve science education for all students. Massachusetts is one of 20 states that will lead the development of Next Generation Science Standards (NGSS), which will clearly define the content and practices students will need to learn from kindergarten through high school graduation. The NGSS process is being managed by Achieve, an education reform non-profit organization.

The 20 Lead State partners are Arizona, California, Georgia, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, New Jersey, New York, Ohio, Rhode Island, South Dakota, Tennessee, Vermont, Washington and West Virginia. "The Lead State partners will provide important leadership and guidance throughout the development of the Next Generation Science Standards and are to be congratulated for making a strong commitment to improving science education," said Michael Cohen, president of Achieve. "This will be a collaborative process that will lead to a set of standards that provides America's students a strong foundation in science and supports college and career readiness for all." The development of the Next Generation Science Standards is a two-step process. The first step was the building of a framework to identify the core ideas and practices in natural sciences and engineering that all students should be familiar with by the time they graduate. In July, the National Research Council released A Framework for K-12 Science Education, developed by a committee representing expertise in science, teaching and learning, curriculum, assessment and education policy. The second step is the development of science standards based on the Framework. As a Lead State partner, Massachusetts will guide the standard writing process, gather and deliver feedback from state-level committees and come together to address common issues and challenges. The Lead State partners also agree to commit staff time to the initiative and, upon completion, give serious consideration to adopting the Next Generation Science Standards. Jacob Foster, Director of Science and Technology/Engineering at the Department of Elementary and Secondary Education is a member of the NGSS writing team.

To be considered, states had to submit a letter with the signature of the Chief State School Officer and the chair of the State Board of Education. The expected timeline for the development of the NGSS includes several opportunities for the public to view and provide input to drafts and an anticipated completion by the end of 2012.

"There is a clear benefit to providing our students with the strong science education they need to compete in college and the work place," said Stephen Pruitt, Vice President of Content, Research and Development at Achieve, who is coordinating the NGSS effort. "A strong science education provides all students with opportunities to be successful in the 21st century."

For more information, visit the Next Generation Science Standards website at [www.nextgenscience.org](http://www.nextgenscience.org)