



STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING

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STATE SUPERINTENDENT

January 17, 2013

MEMORANDUM

TO: Local and Intermediate School District Superintendents
and Public School Academy Directors

FROM: Sally Vaughn, Ph.D. *Sally*
Deputy Superintendent/Chief Academic Officer

SUBJECT: Second Public Draft of Next Generation Science Standards (NGSS)
Now Available for Review

On January 8, 2013, NGSS Lead State Partners, the NGSS Writing Team, and Achieve, Inc., released the second draft of the Next Generation Science Standards, a new set of voluntary, rigorous, internationally benchmarked standards, for public review. This new draft can be found at www.nextgenscience.org.

Michigan's NGSS Lead State Team is working with 25 other Lead State Partners to develop the standards which identify science and engineering practices, and content that all K-12 students should master in order to be fully prepared for college and meaningful careers. The NGSS were built upon a vision for science education established by the *Framework for K-12 Science Education*, published by the National Academies' National Research Council (NRC) in 2011.

This second public draft responds to tens of thousands of comments submitted to the 26 Lead State Partners and NGSS writing team following the first public review in May 2012. This draft also includes guidelines for how NGSS aligns to career and college readiness goals. The goal of this public release is to share revisions based on the first public review and the career and college readiness review. The NGSS will be completed in March of 2013.

We invite all interested parties to review the draft standards as individuals or groups, and to provide feedback to the Lead States and writers. Michigan's Math and Science Center Network and the Michigan Science Teachers Association are actively involved in the development of the standards and strongly encourage Michigan educators to participate in this review.

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The NGSS are composed of the three dimensions of the NRC *Framework*. In this draft, the standards are coded by Disciplinary Core Ideas (DCI) from the NRC's *Framework for K-12 Science Education*, and are available in **two different arrangements** - by DCI and by topic. Both the DCI and topical arrangements have the same content - just in a different order.

IMPORTANT: Michigan will review the **topic arrangement**.

Additional guidance for participating in the review is available on the Michigan Department of Education NGSS web page at www.michigan.gov/ngss.

Please contact Susan Codere Kelly, Michigan Department of Education NGSS Project Coordinator at CodereS@michigan.gov with questions regarding the Next Generation Science Standards and this review.

cc: Michigan Education Alliance