



**WYOMING**  
DEPARTMENT OF EDUCATION

*Creating Opportunities  
for Students to Keep  
Wyoming Strong*

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## MEMORANDUM NO. 2017-005

**TO:** School District Superintendents  
Principals  
Curriculum Directors  
K-12 Teachers

**FROM:** Lisa Weigel, Chief Policy Officer

**DATE:** January 17, 2017

**SUBJECT:** 2016 Science Standards PD Needs Survey and PD Opportunity

## 2016 SCIENCE STANDARDS PD NEEDS SURVEY AND PD OPPORTUNITY

The Wyoming Department of Education (WDE) is assessing the professional development (PD) needs of school districts regarding the implementation of the [2016 Science Standards](#). The [needs survey](#) is open until April 9, 2017. Results from the survey will help the state develop a two-year statewide PD plan. The plan will be released by May 1, 2017.

Two PD opportunities are available for EL and Science Teachers on February 7-8 in Green River and on February 14-15 in Cheyenne. Through hands-on experimentation and analysis of language embedded within the science content and practices, participants will gain a deeper understanding of how to engage language learners at various proficiency levels. Objectives include: deeper understanding of the Science and Engineering Practices, and engaging in instructional strategies that support creating language-rich environments for students to create meaning in the science and engineering classroom.

[Register for Green River](#)

[Register for Cheyenne](#)

Current resources on the [WDE Science Webpage](#) include four videos. [Understanding the Science Standards Document](#) is a seven-minute video highlighting the components of the standards document. Three videos created by educators who served on the Science Standards Review Committee ([Resources for Implementation](#), [Instructional Shifts](#), and

[Integrated Approach to Middle School Standards](#)) are also available.

The [2016 Science Standards Appendices](#) contain more details on specific areas of the standards such as Disciplinary Core Ideas, Scientific and Engineering Practices, Crosscutting Concepts, Nature of Science, ISTE Standards for Students, Glossary of Terms, and Acronyms.

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