

Planning for New Science Standards Series K-12 Introduction to Three-Dimensional Learning

Target Audience

- K-12 Teachers, Instructional Facilitators, and Administrators

Professional Development Focus Areas

- Science Content
- Cognitive Research
- Instructional Strategies
- Standards, Frameworks, and Curriculum Alignment

Description

During this two-day workshop, participants will engage in hands-on experiences designed to enhance understanding of the Science and Engineering Practices, Crosscutting Concepts, and Core Ideas that will make up the new Arkansas K-12 Science Standards.

Professional Development Schedule

Session	Content
<p>Two-Day Workshop</p> <ul style="list-style-type: none"><input type="checkbox"/> Two consecutive days<input type="checkbox"/> This workshop is designed for K-12 teachers who have not previously attended a Planning for New Science Standards PD opportunity.	<ul style="list-style-type: none"><input type="checkbox"/> Scientific and engineering practices<input type="checkbox"/> Common Core State Standards for ELA/Literacy<input type="checkbox"/> Using questioning and discussion strategies<input type="checkbox"/> Engaging students in learning<input type="checkbox"/> Using formative assessment to inform instruction

Resources

A Framework for K-12 Science Education (NRC 2011). Each participant should download the free PDF at http://www.nap.edu/catalog.php?record_id=13165

Next Generation Science Standards (NGSS)

A free, interactive, digital version is available at www.nextgenscience.org.

The Common Core State Standards for English Language Arts & Literacy in History/Social Studies, Science, and Technical Subjects
<http://www.corestandards.org/ela-literacy>