

Transitioning to New Science Standards Series Putting Practices in Place

Target Audience

- Grades 5-12 Teachers, Instructional Facilitators, and Administrators

Professional Development Focus Areas

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

Description

The new Arkansas Science Standards will require students to apply Science and Engineering Practices. This two-day session will engage participants in these practices using strategies designed to support deeper understanding of science concepts.

Professional Development Schedule

Session	Content
<p>Two-Day Workshop</p> <ul style="list-style-type: none">□ Two consecutive days□ It is recommended, but not required, that participants have some knowledge of the Next Generation Science Standards (e.g., attended Planning for New Science Standards PD).	<ul style="list-style-type: none">□ Scientific and engineering practices□ Common Core State Standards for ELA/Literacy□ Using questioning and discussion strategies□ Engaging students in learning□ 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>