

Transitioning to New Science Standards Series Targeted Support for Elementary Teachers

Target Audience

- K-5 Teachers, Instructional Facilitators, and Administrators

Professional Development Focus Areas

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

Description

Participants will use strategies learned throughout this three-day session to support a student-centered, elementary classroom in which the three dimensions of the new Arkansas Science Standards are integrated with Common Core Literacy - a definite “win-win.”

Professional Development Schedule

Session	Content
<p>Three-Day Workshop</p> <ul style="list-style-type: none"><input type="checkbox"/> Three consecutive days<input type="checkbox"/> 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"><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>