

Integrated Mathematics/Science Initiative Grades Three, Four and Five

The Northeast Education Service Cooperative, Harding University and thirteen high-need member school districts have established an MSP third, fourth and fifth Grade Integrated Mathematics/Science Initiative. This three-year project (2013-2016) has been designed to address the classroom teachers' needs to teach both math and science in a manner that motivates young children and meets the Arkansas Common Core Standards and the new Next Generation Science Standards.

Forty-two third, fourth, and fifth grade math and science teachers in the Northeast Arkansas member school districts will deepen their content knowledge of Arkansas Mathematics Common Core Standards and Next Generation Science Standards, using integrated lessons, technology tools and project learning activities into their classroom instruction over a three year period.

Key Activities:

Year I includes training of the 42 participants in both whole group and grade-level groups in the integration of CCSS Math and Science progression process. The long-term objective of this project will result in the development of interactive, technology-based, hands-on and project learning lesson plans and lessons which can be integratively taught at the third, fourth, and fifth grade levels.

Year II includes data analysis on Physical Science; Integrated lesson Plans/iBook, Life, Earth and Physical Science; and Research Papers, Writing and Technology.

Year III includes Geometry in Life, Earth, and Physical Science. The sessions will also include Mapping/GPS in Earth and Physical Science: Reporting on Mapping and GPS.

Program Information:

Participants will attend two Saturday sessions and a 10-day MSP Summer Institute each year. First Saturday is planned for February, 2014. The Summer Institute dates are planned for June 2014 and July 2014.

Participants will receive a \$150 per day stipend for attending the Saturday and summer sessions. We are currently accepting application for this Integrated Mathematics/Science Project.

Please complete application and send to:

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Walnut Ridge, AR 72476

Or Fax to: 870-886-7719

Instructors: Mike Hall, Ron Smith, Linda Griffith, Tony Finley, Keith Schramm,
Location: NEA Education Cooperative

For additional information contact: Angelia Carlton at 870-886-7717 or acarlton@nea.k12.ar.us