

Explore NGSS through Companion Lessons for Science and Engineering

A Hands-On Approach to Effective Teaching and Learning in the Elementary Science Classroom

October 16-17, 2014 or March 26-27, 2015

Are you ready for the **Next Generation Science Standards** (aka Kentucky Core Academic Standards in Science)? Get ready by participating in an engaging, active workshop that will have you exploring lessons that address both science and engineering practices while integrating science content. These “companion” lessons for science and engineering will be tied directly to the performance expectations in NGSS. **Each participant will receive a CD and a Dropbox link of lesson plans and resources.**

Reeda Hart, STEM Outreach Director for the Center for Integrative Natural Science and Mathematics at Northern Kentucky University, will facilitate a two-day professional development to help you integrate science throughout your curriculum.



Model Teaching, Demonstrations, and Discussions are utilized to teach topics like:

Inquiring into Science and Engineering

- Saving Sam

Science Literacy

- Fiction and Non-fiction Science Literature
- Writing in the Science Classroom

Math Connections

- Data Collection
- Every Graph Tells a Story

Life Science

- Bird Beak Adaptations
- Bird Beak Engineering

Earth Science

- P & S Wave Dance
- Earthquake Engineering
- Engineering Erosion

Physical Science

- Ramp It Up! Collisions! Meteorite Hits Kentucky!
- Exploring Waves
- Electrical Engineering
- Energy Changes

And Much More!!

For: Elementary Science Teachers and Curriculum Coordinators

Dates: October 16 & 17, 2014 **or** March 26 & 27, 2015

Location: Lost River Cave, 2818 Nashville Rd. Bowling Green

Time: 8:30-3:30 (CDT)
Registration and Lite Breakfast will begin at 8:00 a.m.
(Lunch on your own)

Cost: \$150 for GRREC members
\$300 for non-GRREC members

Materials: Each participant will receive a CD of lesson plans and resources.

Registration Form

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October 16 & 17, 2014 [Click Here to Register Online](#)

March 26 & 27, 2015 [Click Here to Register Online](#)

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*****space limited to 40 participants*****

Please Print:

Check one session: _____ October 16 & 17, 2014 _____ March 26 & 27, 2015

Name: _____ Position _____

Work Email Address _____ Work Phone _____

School District _____ School _____

Name of Organization _____ P.O. # _____

(if not a school or school district)

(required for registration)

Note: School districts (or schools) will be billed following the activity based upon registration. Cancellations must be made within five (5) working days of the activity to avoid being billed for fee. Substitutions will be allowed.

FAX THIS FORM TO GRREC AT (270) 563-2208

Or Register Online Using Registration Links Above

Registration Deadline: September 19, 2014

Sponsored by

Green River Regional Education Cooperative

230 Technology Way, Bowling Green, KY 42101

Phone: (270) 563-2113

FAX: (270) 563-2208

Toll Free 1-866-318-6648

www.grrec.ky.gov