

Thursday 9:00

Project WET Pre-K & Elem. KAS Educator Training

Length: 6
Session 1

Ashley Hoffman, Brittany Wray

Thoroughbred 3

P E

Phenomena
Environmental Science Earth / Space Sciences

Become a certified Project WET 2.0 Educator! The awardwinning, NSTA-recommended Project WET Curriculum and Activity Guide 2.0 continues to offer 21st-century, cuttingedge water education. This workshop will focus on Project WET's connections to the Kentucky Academic Standards for Science in the elementary classroom. Participation in this workshop includes the Curriculum and Activity Guide 2.0 and the brand new early childhood guide, Getting Little Feet WET.

Thursday 9:00

What Administrators Need to Know About Science Assessment

Length: 6
Session 2

Dr. Tom Tretter, Kim Zeidler-Watters,

Thoroughbred 1

P E M H

No Strand
Biology / Life Science Environmental Science Physics

In this 6 hour workshop, designed for principals, associate principals, curriculum coordinators, district assessment coordinators, etc., participants will gain a deep understanding of the science assessment system for Kentucky's public schools. Join science specialists from KDE along with PIMSER and UofL faculty for a full day (6-hr) interactive workshop to deepen and expand your understanding of our new 3-part science assessment system, including strategies and tools that can be used to support your teachers. As Kentucky considers eventually adapting similar multidimensional assessment approaches for other content areas, a thorough foundation with science standards and assessment will be of even greater value.

Thursday 9:00

Classroom Embedded Assessment: Making Student Thinking Visible

Length: 6
Session 3

Diane Johnson, Patti Works, Justin McFadden,

Thoroughbred 4

P E M H

No Strand
Biology / Life Science Environmental Science Physics

Assessments that measure threedimensional science learning are integral to instruction because they allow the teacher to see how students are progressing. Knowing where your students are along a continuum of learning will help you intentionally group and plan for your next instructional steps. Join us to view examples, learn a process, and develop your own classroom embedded assessment by the end of the day.

Thursday 9:00

Phenomenon-Based Learning with PLT's new E-Units

Length: 6
Session 4

Kim Yates, Vivian Bowles

Thoroughbred 2

E M

No Strand
Biology / Life Science Environmental Science Earth /

This past summer, Project Learning Tree launched two e-units: "Energy in Ecosystems" and "Carbon and Climate", constructed around targeted NGSS standards. During this six-hour session, participants will become certified in both units as they explore a phenomenon-based question. This session will include hands-on activities and exploration of the curriculum. Lunch is provided.

Thursday 9:00

Let's Go 3D in Elementary Grades!

Length: 3
Session 5

Jocelyn McRae, Pearson Education

Thoroughbred 5

P E

Phenomena
Biology / Life Science Environmental Science Physics

SEPs, CCCs, DCIs, OH MY! In this session teachers will experience a 3D Lesson through the lens of an elementary student. Teachers will then apply the 3D components to their own lessons. Teachers will walk away with a framework to confidently take existing lessons and turn them into 3D magic that can be used immediately in the their classrooms.

Thursday 9:00

Let's Go 3D in High School

Length: 3

Dr. Scott Skene, Pearson Education

Thoroughbred 6

Session 6

Phenomena

H

Biology / Life Science Environmental Science Physics

SEPs, CCCs, DCIs, OH MY! In this session teachers will experience a 3D Lesson through the lens of a high school student. Teachers will then apply the 3D components to their own lessons. Teachers will walk away with a framework to confidently take existing lessons and turn them into 3D magic that can be used immediately in the their classrooms.

Thursday 9:00

Let's Go 3D in Middle Grades!

Length: 3

Shannon Petree, Pearson Education

Thoroughbred 7

Session 7

Phenomena

M

Biology / Life Science Environmental Science Physics

SEPs, CCCs, DCIs, OH MY! In this session teachers will experience a 3D Lesson through the lens of a middle school student. Teachers will then apply the 3D components to their own lessons. Teachers will walk away with a framework to confidently take existing lessons and turn them into 3D magic that can be used immediately in the their classrooms.

Thursday 1:00

Using Geographic Information Technology for Geo-Inquiry

Length: 3

Scott Dobler, Jill Brown

Thoroughbred 5

Session 8

Phenomena

H

Biology / Life Science Environmental Science Chemistry

The Kentucky Geographic Alliance will be introducing participants to the use of GIS in the classroom to support curriculum. Participants will use software to map Biology, Chemistry, Geology, Meteorology and tell a story about their data using software that they can take home to their classrooms. A quick mapping field trip will be implemented and participants will record, map and present their findings. Please send an email to scott.dobler@wku.edu to register for the software.

Thursday 6:00

Middle School Make & Take

Length: 2

Olga Payne, Laura Willis, David Grossman

Thoroughbred 2

Session 9

No Strand

M

Biology / Life Science Environmental Science Physics

Join us to experience a range of fun activities that can be used in the middle school classroom. Learn how to "make it" and "take it" with you! Including: MSLS18 -Play-doh brains; a lesson on different functions of the lobes of the brain, including copies of readings that go along with this activity. a pipe cleaner model of a neuron and a kinesthetic model of neurotransmission (involving a neuron puzzle). Make borax safe slime and much more!

Thursday 6:00

Elementary School Science Make & Take

Length: 2

Janice Bullard, Elizabeth Riggs

Thoroughbred 3

Session 10

No Strand

P E

Biology / Life Science Environmental Science Physics

Participants will experience a variety of educational experiences that integrate the science and engineering practices, disciplinary core ideas, and crosscutting concepts. Participants will leave with ideas easily adapted to their classroom.

Thursday 6:00

High School Make & Take

Length: 2

Jessica Laswell, Shane London

Thoroughbred 4

Session 11

No Strand

H

Biology / Life Science Environmental Science Physics

Join us to experience a range of fun activities that can be used in the middle school classroom. Learn how to "make it" and "take it" with you!