



FREE Science and Technology Institute For 2nd – 6th Grade Teachers

Plus...Get CEU's, Free Teaching Materials and
\$25 Gift **Certificate** From Educational Innovations!

July 31 & August 1, 2012

Wright-Patterson AFB, OH

Sponsored by the Akron Global
Polymer Academy and WPAFB
Educational Outreach Office

This hands-on, two-day course for teachers of science in grades 2– 6 will help participants experience science and technology units which have been aligned to Ohio's Academic Content Standards. Learn how these activities can be readily implemented into the science classroom!

Increase your knowledge of science and technology by experiencing both scientific and engineering problem solving using a variety of polymeric materials! Activities include: hands-on laboratory experiences; discussions of teaching, learning and assessment; and planning for classroom implementation. A variety of teaching methods will be employed to include: guided inquiry, experiential learning, and small group discussion.

Participants will gain:

- an experiential knowledge of the 5 E's learning cycle model of instruction
- connection of the institute's activities to the standards underlying science instruction in grades 2-6
- classroom ready, engaging units that meet Ohio's Science and Technology Standards
- content updates of core physical science concepts
- ways to make science teaching more student-centered and less teacher-directed
- specific strategies to assess students' learning
- connections of institute activities to other content disciplines (math, social studies, language arts)
- **FREE** materials and \$25 **gift certificate** to assist in implementation of activities experienced in the institute
- Information on FREE local educational outreach initiatives to enhance your classroom!

Topics will include (but not be limited to):

Learning Cycle
Questioning/Assessment
Science and technology
Scientific methods
Engineering Problem Solving
Science Literacy
Invention – Connections To Science
Introduction To Polymers
Physical And Chemical Properties And Changes

CEU's Will Be Available!

Space Is Limited!! Application Deadline: 29 June 2012

Click below to apply

<http://www.surveymonkey.com/s/2012AGPAWorkshop>

For More Information, Call the WPAFB Educational Outreach Office at
(937) 656-2273

<http://edoutreach.wpaafb.af.mil>