

Math, Science & Technology

Inquiry Based Science

This three day workshop will explore inquiry science in elementary schools using hands-on lessons across the grade span. We'll also explore using writing to enhance science and ELA learning.

Location: CNYTC
Dates: **Tuesdays: January 26, February 9 & 23, 2010**
Time: 4:30—6:30 (6 credit hours)
Audience: K-6 Educators
Presenter: Sharon Dotger, Consultant

Project Wild

Are you looking for a way to integrate environmental education into your curriculum and utilize more hands-on activities with your students? Join us for this dynamic workshop, during which we will explore exciting activities and methods for meeting the learning standards in creative ways with an emphasis on environmental education. An interdisciplinary curriculum guide will be provided. This is an active indoor/outdoor workshop; please wear appropriate attire.

Location: Rosamond Gifford Zoo
Date: **Tuesday: May 11, 2010**
Time: 4:30—7:30 (3 credit hours)
Audience: K-12 Educators
Presenter: Zoo Staff

Science Trail at the Zoo: A Tool for Teachers

Have you ever wondered how a trip to the zoo could fit into your class curriculum? The Rosamond Gifford Zoo Science Trail offers an interactive self-guided tour centered on twelve scientific stops including: animal habitats, adaptations, classification, and conservation. Participants will receive a tutorial on the trail including a teacher's guide with insider info on many of the zoo's animals, a hands-on student activity guide, and pre and post visit activities.

Location: Rosamond Gifford Zoo
Date: **Thursday: April 29, 2010**
Time: 4:30—6:30 (2 credit hours)
Audience: 4-9 Educators
Presenter: Liz Schmidt, Rosamond Gifford Zoo

Skulls, Feathers, and Fur: Borrowing Biofacts from the Zoo

Have you always wanted to utilize more artifacts for hands-on learning in your class, but lacked the necessary resources? This is your chance to learn about the zoo's animal artifact collection (biofacts) and become a registered borrower of these items. During this unique workshop at the zoo, we will explore the collection and discuss various teaching methods for connecting scientific concepts to real-world examples.

Location: Rosamond Gifford Zoo
Date: **Tuesday: May 4, 2010**
Time: 4:30—7:30 (3 credit hours)
Audience: K-12 Educators
Presenter: Nathan Keefe, Director of Education

SmartBoard Advanced

Learn more about specific *SmartBoard* features and work towards building original and tailored *Notebook* lessons. Link to interactive websites and learn how to use them in between lessons. Anticipatory sets will be demonstrated. Basics will be reviewed and participants will make a series of pages. Bring an external information device. Come with a few colleagues as brainstorming and lesson swapping often occur.

Location: Chittenango High School, Chittenango
Dates: **Mondays: February 22 & March 1, 2010**
Time: 4:30—6:30 (4 credit hours)
Audience: K-12 Educators
Presenter: Erica Martin, Teacher

SmartBoard for Beginners

Learn how to use the *SmartBoard* with *Microsoft Word* and *PowerPoint*. The second session will focus on what skills from *Word* and *PowerPoint* can be transferred to *Smart Notebook* lessons. Each skill will be demonstrated at a pace that allows for questions. Emphasis will be on how you can use the *SmartBoard* with lessons you have already developed for *PowerPoint*, *Word*, and *Excel*.

Location: Chittenango High School, Chittenango
Dates: **Mondays: February 1 & 8, 2010**
Time: 4:30—6:30 (4 credit hours)
Audience: K-12 Educators
Presenter: Erica Martin, Teacher