

Creative Sciencing: Activities for Monday...Techniques for the entire year

Use best-practice science activities and techniques to turn your students into inquisitive, active learners!

*A 2-day workshop for teachers of grades 5 through 10 who want **cutting-edge science activities** from an award-winning teacher*

Almost every science educator agrees with the hands-on, minds-on approach to teaching science. The idea of the teacher becoming the “guide on the side” not the “sage on the stage” is compelling, but how can a science teacher with limited resources and limited time accomplish such an all-encompassing task?

This workshop provides a multitude of ready-to-use, inexpensive hands-on activities that are designed to meet the *National Science Education Standards* and to stimulate even your most unwilling students. You will discover effective teaching techniques to **streamline your teaching day** as well as fast, accurate evaluation models for both individual and team assessment. Through the activities and techniques that you will experience at this workshop, you will learn how to be in control of the action while allowing your students freedom to explore and question.

Workshop Highlights:

Earth - Space Science

- A Universe of Bubbles - Exploring the Large Scale Structure of the Universe
- Touch Another World - Meteorites and Meteorwrongs
- Geological Hazards Assessment
- Dinosaurs - Lifestyles of the Huge and Famous
- The Eratosthenes Project - Students Measure the Earth

Physics

- The Spectroscopic Christmas Tree
- Wavelengths
- Water Bombs
- A Balancing Act - Aerodynamics
- Barge Building
- Radioactivity Labs

Technology

- An Introduction to Technological Design
- Internet Integration

Biology - Environmental Science

- Bodies in Motion
- Swamp Things
- Energy Transformations in the Food Web
- The Watermelon Lab
- Build a Cell
- One-Million

Chemistry

- The Incredible Fire-Sound Tube
- The Dancing Flame
- Cabbage Juice Indicators
- The Glass of Doom
- Clock Reactions
- Moving Molecules - Heat and Pressure
- Surface Tension - A Classroom Drama

Teaching Strategies

- The Learning Cycle
- Curriculum Integration
- DAPIC - Systemic Problem Solving
- Alternative Assessments and Evaluation Rubrics



Brian Poelker

Hands-on activities to promote problem solving, Internet use, cooperative learning, and integration of science with other disciplines!

**Prime Presentations
(888) 917-3950**

**Science
Grades 5-10
2 Days**