

Course Title: Earth and Environmental Science **Board Approval:** June, 2010
Credit / Hours: 1 credit

Course Description:

Earth and Environmental Science is a PA Standards aligned laboratory course which investigates geology, mapping and modeling, scientific method, structure of the universe, water cycle, weather and climate, and a strong emphasis on natural resources. Students will use a variety of skills to explore answers to questions about their surroundings. Students will continually relate what they learn to economic and social impacts of environmental decisions.

Learning Activities / Modes of Assessment:

Large group instruction
Tests and Quizzes
Laboratory experiments
Checklists / Teacher Observation
Small group work
Projects with Rubrics
Computer simulations
Lab Reports
Field research

Instructional Resources:

Modern Earth Science (Holt, 2002)
Appropriate Internet sources

Course Pacing Guide

Course: Earth and Environmental Science

Course Unit (Topic)	Length of Instruction
1. Scientific Method and Inquiry	6 Days
2. Mapping and Modeling	10 Days
3. Water and Soil	15 Days
4. Weather and Climate	11 Days
5. Structure of The Universe	10 Days
6. Geology	10 Days
7. Natural Resources	20 Days
8. Preview	2 Days