

Course Title: Environmental Studies
Credit / Hours: 1 credit

Board Approval Date: June, 2010

Course Description:

This course focuses on mastery of the PA Academic Standards for Science and Technology as well as Environment and Ecology. As students progress through this course they will participate in a systematic study of the Earth, its inhabitants, its processes and its resources. This course will challenge students to become more aware of our environment and to conduct research in laboratory experiments and written reports. Students can expect a considerable amount of reading, writing, and class participation. Students will be studying human population growth, natural resources, pollution, ecosystem interactions, human environmental impacts and other topics related to our surroundings. Students are expected to conduct independent research, report their findings in written format, and participate in class discussions about each other's research.

Learning Activities / Modes of Assessment:

Large group instruction
Tests and Quizzes
Laboratory experiments
Small group work
Projects with Rubrics
Computer simulations
Webquests
Online Discussion Boards
Group Presentations

Instructional Resources:

Karen Arms. Environmental Science. Austin, TX: Holt, Rinehart and Winston, 2008.
Appropriate Internet resources

Course Pacing Guide

Course: Environmental Studies – Grade 11 & 12

Course Unit (Topic)	Length of Instruction
1. Populations	12 Days
2. Water	10 Days
3. Land Use/Agriculture	9 Days
4. Ecology	12 Days
5. Biodiversity	17 Days
6. Air & Climate Change	7 Days
7. Energy	13 Days
8. Waste	5 Days