

AP Environmental Science

Teacher Expectations	
Recommended Preparation: Honors Biology or Biology or PBS, Chemistry and Algebra 1	
Average HW Time: 4-5 hours per week	
After-school Labs and Study Sessions: Not mandatory	
Activities: (Place X next to)	
Group Projects X	Important information that students need to know about this course: This is a college level course based upon scientific inquiry, analysis, and critical thinking about a variety of environmental issues. Students should have the motivation and ability to keep up with a fast-paced curriculum and ask questions. Students should be willing to spend time to improve out of a personal desire for success rather than simply for points and a grade.
Individual Projects X	
Lab Reports X	
Textbook Reading X	
Textbook Notes	
Research X	
Primary and Secondary Source Analysis	
Use of Technology X	
Google Classroom	
Essays	
Short Answers X	

Student Expectations and Learning Outcomes
<ul style="list-style-type: none"> • Ability and desire to think critically and analyze complex scientific information rather than simple regurgitation. • Ability to cope with exams that cover 2-3 chapters every two to four weeks. • Ability to individually complete reading and homework assignments in a timely manner. • Ability to manipulate equations in order to analyze word problems. • Ability to work collaboratively with group members. • Become a better student

About AP Environmental Science

The AP Environmental Science course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Format of the AP Environmental Science Test

Exam questions are based on each major topic area. They are designed to cover the breadth of student's knowledge and depth of understanding of environmental science. Length of exam is 3 hours.

Section I: Multiple Choice: 80 Questions | 90 Minutes | 60% of Exam Score

- Knowledge based questions
- Text based analysis
- Calculations
- Interpretations of models and representations (reading a graph/chart, diagrams, maps etc)

Section II: Free Response: 3 Questions | 70 Minutes | 40% of Exam Score

- analyzing an environmental problem and proposing a solution **using calculations** (1 question)
- analyzing an environmental problem and proposing a solution **using models and representations** (graphs/tables, diagrams, maps, etc) (1 question)
- Designing and Evaluation of an investigation (1 questions)