



Course Unit Outline for A.P.E.S. 17th edition

2016-17

Test 1

Test 2

Test 3

Test 4

Test 5

Test 6

Test 7

Test 8

Test 9

Test 10

- I. Earth Systems and Resources (AP Test 10-15%)
 - Tragedy of the Commons (Chapter 1)
 - a. **Chapter 13:** Water Resources (7 days)
 - b. **Chapter 20:** Water Pollution (13 days)
 - c. **Chapter 2:** Science, Systems, Matter, and Energy (Home Review)
 - d. **Chapter 12:** Food, Soil, and Pest Management (pg. 284, pg. 288-292, 304-308) (6 days)
 - e. **Chapter 14:** Geology and Non-renewable Mineral Resources (13 days)
- II. Population Biology Concepts (AP Test 10-15%)
 - a. **Chapter 5:** Biodiversity, Species interactions, and population Control (11 days)
 - b. **Chapter 6:** Applying Population Ecology: The Human Population (6 days)
 - c. **Chapter 1:** Environmental Problems, Their Causes and Sustainability
- III. Energy Resources and Consumption (AP Test 10-15%)
 - a. **Chapter 15:** Non-renewable Energy Resources (11 days)
 - b. **Chapter 16:** Energy Efficiency and Renewable Energy (9 days)
- IV. The Living World (AP Test 10-15%)
 - a. **Chapter 7:** Climate and Terrestrial Biodiversity (Biomes) (7 days)
 - b. **Chapter 3:** Ecosystems: What are they and how do they work? (9 Days)
 - c. **Chapter 9:** Sustaining Biodiversity: The Species Approach (9 days)
 - d. **Chapter 4:** Biodiversity and Evolution (6 days)
- V. Pollution (AP Test 25-30%)
 - a. **Chapter 18:** Air Pollution (7 days)
 - b. **Chapter 17:** Environmental Hazards and Human Health (8 Days)
 - c. **Chapter 21:** Solid and Hazardous Waste (9 Days)
- VI. Land and Water Use (AP Test 10-15%)
 - a. **Chapter 8:** Aquatic Biodiversity (4 days)
 - b. **Chapter 11:** Sustaining Aquatic Biodiversity (4 days)
 - c. **Chapter 10:** Sustaining Terrestrial Biodiversity: The Ecosystem Approach (4 days)
 - d. **Chapter 12:** Food, Soil Conservation, and Pest Management (pgs. 277-288, 292-304, 308-314) (3 days)
- VII. Global Change. (10-15%)
 - a. **Chapter 19:** Climate Change and Ozone Depletion (9 days)
 - b. **Chapter 22:** Cities and Sustainability
 - c. **Chapter 23:** Economics, Environment, and Sustainability
 - d. **Chapter 24:** Politics, Environment, and Sustainability
 - e. **Chapter 25:** Environmental Worldviews, Ethics, and Sustainability