**ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE COURSE TIMELINE**

**AND**

# **ASSIGNMENTS**

# **FIRST NINE WEEKS**

Spring Humans in the Environment – Chapters 1 & 2 p.1-46

Pre Class Chapter 1 “Introducing Environmental Science and Sustainability” – Questions 1-15

 Chapter 2 “Environmental Laws, Economics, and Ethics” – Questions 1-14

 The World We Live In – Chapter 3 p. 48-63

Chapter 3 “Ecosystems and Energy” – Questions 1-20

**Pre session quiz Ch. 1-3**

##  The World We Live In – Chapters 4 and 5 p. 65-116

 Chapter 4 “Ecosystems and Living Organisms” – Questions 1-16

Chapter 5 “Ecosystems and the Physical Environment”– Questions 1-16

**Pre session quiz Ch. 4-5**

The World We Live In – Chapter 6 & 7 p.117-166

Chapter 6 “Major Ecosystems of the World” – Questions 1-15

Chapter 7 “Human Health and Environmental Toxicology”– Questions 1-16

**Quiz first Friday/Monday of school, Ch. 6 and 7**

Week 1 & 2 **\*\*Deer Dilemma\*\***

**\*\*Chesapeake Bay Project\*\***

**\*\* Ecosystem Project\*\***

***Quantitative Questions Ch. 1-7 Due !***

 **\*\*UNIT TEST\*\* Ch. 1-7**

Week 2 Our Precious Resources – Chapters 16 p. 349-368

Chapter 16 “Mineral Resources” – Question1-17

Week 3 & 4 Our Precious Resources – Chapters 17 & 18 – p.370-419

Chapter 17 “Biological Resources”- Questions 1-16

Chapter 18 “Land Resources” – Questions 1-17

* **Land Use Project**

**\*\*Invasive/Endangered Species Project\*\***

* **National Parks Paper**

Week 5 Our Precious Resources – Chapter 14 p. 301-326

 Chapter 14 “Water a Limited Resource” – Questions 1-15

## Week 6 Our Precious Resources – Chapter 15 p. 328-347

 Chapter 15 “Soil Resources” – Questions 1-18

Week 7 & 8 Environmental Concerns- Ch. 22 p. 498-524

Chapter 22 “Water Pollution” – Questions 1-15

 Virtual Field Trips to a local water treatment plant and a sewer plant

 \***\*Dragonfly Pond Project\*\***

Week 8 & 9 Our Precious Resources – Chapters 19 p. 331-378 and Chapter 23 p.526-547

Chapter 19 “Food Resources – Questions 1-16

Chapter 23 “Pest Management” – Questions 1-16

 **\*\* Unit Test Ch. 14-19, 23**

 ***Quantitative Questions Ch. 14-19, 23 Due !***

Week 10 & 11 Environmental Concerns – Chapter 20, 21 p.446-496

 Chapter 20 “Air Pollution” – Questions 1-14

 Chapter 21 “Global Climate Changes” – Questions 1-13

Week 12 Environmental Concerns- p.543-570

Chapter 24 “Solid and Hazardous Wastes”- Questions 1-17

 \***Legislative List**

Week 12 &13 A Crowded World – Chapters 8, 9, and 10 p. 169-225

 Chapter 8 “Population Change” Questions 1-20

 Chapter 9 “Addressing Population Issues” Questions 1-18

 Chapter 10 “The Urban Environment” Questions 1-16

Week 14 The Search For Energy – Chapters 11, 12 & 13 p.227-300

 Chapter 11 “Fossil Fuels” – Questions 1-16

 Chapter 12 “Nuclear Energy” – Questions 1-13

 Chapter 13 “Renewable Energy and Conservation” Questions 1-12

 **\*\*Energy Presentations Project \*\***

 **\*\*BIG SCARY TEST\*\* ALL CHAPTERS!!!**

 ***Quantitative Questions Ch. 8-13, 24 Due !***

**MONDAY MAY 1st \*\*AP TEST\*\***

## Week 15 & 16 \***\* Leaf Project\*\***