**Environmental Science Unit 1 Study Guide**

Important Dates to remember:

1634:

1872:

1892:

1903:

1916:

1936:

1940:

1970: 1st Earth Day Celebration

1973:

2006:

Renewable vs. Nonrenewable Resources & Exhaustible vs. Nonexhaustible (examples)

Sustainability:

Anthropocentrism vs Ecocentrism:

Background Rate:

Who is Gifford Pinchot and what is his contribution to Environmental Science?

Layers of the Earth: Physical and Compositional (be able to compare and contrast between them all)

Layers of the Atmosphere: compare and contrast & how does temperature change in each layer as altitude increases?

Open vs. Closed Systems:

Aldo Leopold: what was his contribution to Environmental Science? (dates)

Conservation vs Preservation: examples

Ecological Footprint: What is it? Why is this important to the Environment? How to reduce it?

Tragedy of Commons: “Fishing” Lab, importance to sustainability and resource depletion.

Water Cycle: Details-

What was the human Impact on the environment: Hunter-Gatherer, Agriculture Revolution, Industrial Revolution, and Globalization?