**Presenting Chapter 2: Environmental Systems**

**(Pages 27-48)**

**Objective:**

Outline the main points of your section and create a presentation in the form of a PowerPoint, poster, or video (camera/cell phones ok)

**Topics:**

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| 1. [p. 27-38] A Lake of Salt Water, Dust Storms, and Endangered Species/Section 1: Earth is a single interconnected system
2. [p. 29-32] Section 2a: All environmental systems consist of matter (Atoms and molecules, Radioactivity, Chemical bonds)
3. [p. 32-36] Section 2b: All environmental systems consist of matter (Properties of water, Acids, Bases, & pH, Chemical reactions and the conservation of matter, Biological molecules)
4. [p. 36-39] Section 3: Energy is a fundamental component of environmental systems thru First Law of Thermodynamics
5. [p. 39-43] Section 3: Second Law of Thermodynamics / Section 4: Energy conversions underlie all ecological processes
6. [p. 43-46] Section 5: Systems analysis show how matter and energy flow in the environment
7. [p. 46-48] Section 6: Natural systems change across space and over time/ Working toward sustainability
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\*Two groups should do this

Rubric

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| * Includes the Section title in the presentation (2 points)
* Outlines the main ideas and clearly labels all subsections – all blue headings – on presentation (24 points)
* Includes at least one visual image (10 points)
* Answers all “Checkpoint” questions at the end of the section using RARE (12 points)

Total points: 48 points |