

Earth Systems I/Unit 1 Study Guide

es1u1sg (Gaia - the earth as a large system)

Study Objectives

1. Describe natural resources and explain their importance to human life.
2. Characterize the interdisciplinary nature of environmental science.
3. Understand the scientific method and how science operates.
4. Diagnose and illustrate some of the pressures on the global environment.
5. Evaluate the concepts of sustainability and sustainable development.

Vocabulary

science environmental science natural resources theory quantitative qualitative ecological footprint interdisciplinary
natural sciences social sciences environmentalism ecology peer review paradigm biodiversity

Assignments

- Read Chapter 1 (pages 3-22)
- Notebook **10pts**
 - ✓ Testing Comprehension; Seeking Solutions 1, 5; Calculating Footprints
 - ✓ Crossword
 - ✓ Notes (2-column)
 - ✓ Easter Island Timeline
- Inquiry Lab: Greenspace Investigation **10pts**
- Skill Lab: Percent Oxygen **10pts**
- Vocabulary Quiz **15pts**
- Test **10pts**

Additional Resources:

"Lorax" by Dr. Seuss

"Tragedy of the Commons" by Garrett Hardin

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