

2012 Environmental Science – Table of Contents/Syllabus

Unit 1 – Introduction to Environmental Science

Chapter 1 Science & the Environment

Chapter 2 Tools of Environmental Science

Chapter 3 The Dynamic Earth



Unit 2 Ecology

→Living things depend on their habitat to meet their basic needs.

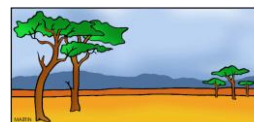
→Aquatic, terrestrial and human-made ecosystems consist of diverse living and non-living components that change over time and among geographic areas.

Chapter 4 The Organization of Life

Chapter 5 How Ecosystems Work

Chapter 6 Biomes

Chapter 7 Aquatic Ecosystems



Unit 3 Populations

→The survival of living things is dependent upon their adaptations and ability to respond to natural changes in and human influences on the environment.

Chapter 8 Understanding Populations

Chapter 9 The Human Population

Chapter 10 Biodiversity



Unit 4 Water, Air & Land

→The health of all living things is directly related to the quality of the environment.

→Humans depend upon the management and practices of agricultural systems.

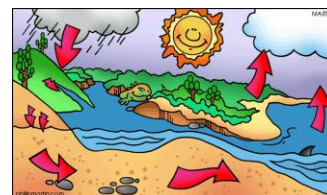
Chapter 11 Water

Chapter 12 Air

Chapter 13 Atmosphere & Climate Change

Chapter 14 Land

Chapter 15 Food & Agriculture



Unit 5 Mineral & Energy Resources

→Sustainable use of natural resources is essential to provide for the needs and wants of all living things now and in the future.

Chapter 16 Mining & Mineral Resources

Chapter 17 Nonrenewable Energy

Chapter 18 Renewable Energy

Chapter 19 Waste



Unit 6 Our Health & Our Future

→People acting individually and/or as groups influence the environment.

→ Environmental laws and regulations impact humans, the environment, and the economy in both positive and negative ways.

Chapter 20 The Environment & Human Health

Chapter 21 Economics, Policy, & the Future

