

Chapter 6 Humans in the Biosphere

Section 6–1 A Changing Landscape (pages 139–143)

This section describes types of human activities that can affect the biosphere.

Earth as an Island (page 139)

1. Increasing demands on what resources come with a growing human population?

Human Activities (page 140)

2. Is the following sentence true or false? Human activity uses as much energy as all of Earth's other multicellular species combined. _____
3. What four human activities have transformed the biosphere?

a. _____ c. _____

b. _____ d. _____

Hunting and Gathering (page 140)

4. How did prehistoric hunters and gatherers change the environment? _____
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5. Hunting that makes relatively few demands on the environment is called _____.

Agriculture (pages 141–142)

6. What is agriculture? _____
7. Why was the spread of agriculture an important event in human history?
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8. What social changes came with the cultivation of both plants and animals?

Name _____ Class _____ Date _____

9. What changes in agriculture occurred in the 1800s as a result of advancements in science and technology? _____

10. What was the green revolution? _____

11. What is the farming method called monoculture? _____

12. Circle the letter of each benefit of the green revolution to human society.

- a. It helped prevent food shortages.
- b. China and India depleted water supplies.
- c. It increased food production.
- d. Global food production was cut in half.

Industrial Growth and Urban Development (page 143)

13. What occurred during the Industrial Revolution of the 1800s? _____

14. From what resources do we obtain most of the energy to produce and power the machines we use? _____

15. The continued spread of suburban communities across the American landscape is referred to as _____.

16. How does suburban growth place stress on plant and animal populations? _____
