

Name _____

Period _____

Date _____

CHAPTER | ECOSYSTEMS AND BIOMES

1 Vocabulary

ecology	water cycle	decomposer	coniferous
ecosystem	carbon cycle	food chain	deciduous
biotic factor	nitrogen cycle	food web	estuary
abiotic factor	producer	energy pyramid	
cycle	consumer	biome	

CHAPTER 1
Ecosystems and Biomes

A. WORD PUZZLE

Complete each word puzzle with the correct vocabulary word. When the puzzle is complete, the letters in the boxes will spell out the answer to the “Bonus.”

1. A model that describes the feeding relationship between a producer and a single line of consumers.

_____ [] _____

2. These trees drop their leaves as winter approaches and grow new leaves in spring.

__ [] _____

3. Organisms that get their energy by eating other organisms.

_____ [] _____

4. Large geographic areas that are similar in climate and have similar types of plants and animals.

_____ [] _____

5. A model that shows the amount of energy available at each feeding level of an ecosystem.

_____ [] _____

6. The living parts of an ecosystem.

_____ [] _____

7. How carbon moves through Earth’s atmosphere and its ecosystems.

__ [] _____

8. These trees have needlelike leaves that produce food all year long.

__ [] _____

9. An organism that captures energy and stores it in food as chemical energy.

_____ [] _____

10. The scientific study of how organisms interact with their environment and other organisms.

_____ [] _____

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11. The lower end of a river that feeds into the ocean.

_____ [] _____

12. The movement of water through the environment.

_____ [] _____

13. The word used to describe a particular environment and all the living things that are supported by it.

_____ [] _____

14. Organisms that break down dead plant and animal matter into simpler compounds.

_____ [] _____

15. A series of events that happen over and over again.

_____ [] _____

16. The nonliving parts of an ecosystem.

[] _____

17. The movement of nitrogen through Earth.

[] _____

18. Model of feeding relationships between many different consumers and producers in an ecosystem.

_____ [] _____

19. **Bonus** Two biomes found toward middle latitudes that do not get enough precipitation to support trees

B. EXAMPLES

On the line, write the vocabulary word that matches the examples.

20. light, temperature, soil, water

21. tundra, taiga, grassland

22. oak, birch, beech, maple

23. carbon, nitrogen, water
