

**Organisms and Their Environment
Student Contract**

Recognition Level

I contract this study guide for a grade of **C**. I agree to complete all of the items coded + by the due date specified with 90% accuracy.

If I complete the items coded + with less than 90% accuracy and turn in the completed items after the due date, then my contract for the letter grade of a **C** is in jeopardy.

I am aware that the assessment over these unit will include items from the study guide that are coded +,*, \$.

Date	Student	Teacher
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Recall Level

I contract this study guide for a grade of **B**. I agree to complete all items coded + and * by the due date specified and with 90% accuracy.

If I complete the items coded + and * with less than 90% accuracy and turn in the completed items after the due date, then my contract for the letter grade of B is in jeopardy.

I am aware that the assessment over this unit will include items from the study guide that are coded +, *, \$.

Date	Student	Teacher
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Application Level

I contract this study guide for a grade of A. I agree to complete all items coded +, *, and \$ by the due date specified with 90% accuracy.

If I complete the items coded +, *, \$ with less than 90% accuracy and turn in the completed items after the due date, then my contract for the letter grade of A is in jeopardy. I am aware that the assessment over this unit will include items from the study guide that are coded +,*, \$.

Date	Student	Teacher
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Recognition Level

Code +

Directions: Circle the correct answer. (This is an individual task)

1. The population ____ is the number of individuals per unit of living space.
a. biosphere b. density c. community d. spacing
2. Nonliving things in the environment are ____ factors.
a. abiotic b. population c. biotic d. mineral
3. The ____ species is more abundant than others in the community.
a. niche b. dominant c. biotic d. coral
4. The biosphere includes all the air, land, and water where ____ exists.
a. an abiotic factor b. coral c. life d. a niche
5. In an ecosystem, a community interacts with the ____ factors of the environment.
a. biotic b. abiotic c. chemical d. spacing
6. A community is made up of ____.
a. environments b. niches c. factors d. populations
7. The ____ of a population changes as new individuals are born and old ones die.
a. spacing b. niche c. density d. size
8. For a coral reef, the ocean water is a(n) ____.
a. biotic factor b. niche c. biotic factor d. community

Recognition Level

Code +

Directions: Write TRUE or FALSE next to each statement.

(This is a peer task)

9. _____ Competition can occur between members of the same species.
10. _____ Producers are the first in the food chain.
11. _____ No energy is lost in an energy pyramid as it moves toward the top.
12. _____ A food web is a series of overlapping food chains.
13. _____ Competition always occurs when several species live near each other.
14. _____ A mouse is a consumer of foxes for food.
15. _____ In some food webs, consumers eat both plants and animals.
16. _____ Animals at the top of food chains depend on large populations to stay alive.
17. _____ A symbiotic relationship is when two or more species live together.
18. _____ **Mutualistic** relationships occur when plants compete with animals.
19. _____ An owl eating a sparrow is an example of a predator-prey relationship.
20. _____ The flow of energy in an energy pyramid is from the bottom to top.

Recall Level

Code *

Directions: Complete the following sentences using the appropriate vocabulary words from the textbook. (This is peer task)

21. In _____ an animal copies the appearance or behavior of another organism.

22. A leaf bug hides from predators by using _____.

23. In the relationship known as _____ the host is harmed.

24. A series of overlapping food chains is called a(an)_____.

25. _____ determines the size and location of populations.

26. In _____ both members of the symbiotic relationship benefit.

27. In a (an)_____, less energy is available at the top.

Application Level

Code \$

Directions: Label this diagram of the water cycle. This is an individual task.

Directions: Place the terms below within the circles. The term that includes all of the others should be in the outermost circle. Place the others in order until the smallest group is in the center circle. (This is an individual task)

population

ecosystem

community

individual