

Directed Reading A

Section: Marine Ecosystems

1. Ecosystems in the ocean are called _____.

LIFE IN THE OCEAN

2. What are the largest animals on Earth?

3. Tiny organisms that float near the surface of freshwater and marine environments are called _____.

4. How do plankton get their food?

TEMPERATURE

- _____ 5. How does the temperature of ocean water change as it gets deeper?
- a. It decreases.
 - b. It increases.
 - c. It does not change.
 - d. It varies from day to day.

- _____ 6. Which ocean temperature zone has the warmest water?
- a. deep zone
 - b. thermocline
 - c. surface zone
 - d. middle layer

- _____ 7. How does ocean temperature affect whales?
- a. They can only live in cold water.
 - b. They can only live in warm water.
 - c. They cannot stand sudden temperature changes.
 - d. They migrate from cold to warm areas to reproduce.

Directed Reading A *continued*

DEPTH AND SUNLIGHT

Match the correct description with the correct term. Write the letter in the space provided.

- | | |
|---|--------------------|
| _____ 8. warm water and a lot of sunlight; ocean floor starts to slope downward | a. intertidal zone |
| _____ 9. sea floor drops sharply; contains deep water of the open ocean | b. neritic zone |
| _____ 10. ocean floor; deepest parts get no sunlight | c. oceanic zone |
| _____ 11. where the ocean meets the land; exposed to air part of the day | d. benthic zone |

A CLOSER LOOK

12. Name three ways life on Earth depends on the ocean.

13. Name three kinds of intertidal areas.

14. Name two ways certain organisms have adapted to living on rocky shores.

15. Name three marine organisms that live on coral reefs.

16. A place where fresh water from rivers mixes with salty ocean water is a(n)

_____.

Directed Reading A *continued*

17. Estuaries are rich in nutrients, so large numbers of _____
live there.

18. How do animals in the Sargasso Sea hide from predators?

19. Why are fishes, birds, and mammals able to survive in the polar ice ecosystem?
