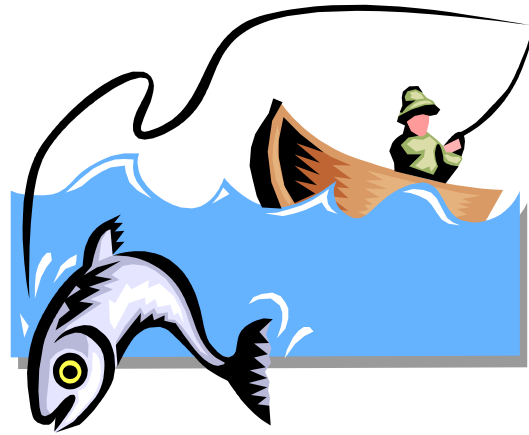


# Unit VII

## Chapter 21

### *Interdependence in the Ocean*



#### **Performance Standards**

Demonstrate an understanding of the importance of symbiotic relationships in the sea.

- SC.D.2.4.1 Understand the interconnectedness of the systems on Earth and the quality of life.
- SC.E.1.4.3 Know the various reasons that Earth is the only planet in our Solar System that appears to be capable of supporting life, as we know it.
- SC.G.1.4.1 Know of the great diversity and interdependence of living things.
- SC.G.1.4.2 Understand how the flow of energy through an ecosystem made up of producers, consumers, and decomposers carries out the processes of life and that some energy dissipates as heat and is not recycled.
- SC.G.2.4.4 Know that the world ecosystems are shaped by physical factors that limit their productivity.

In the marine world, there are many relationships among organisms. A relationship in which organisms interact in a mutually dependent way is called interdependence.

#### **STUDENT INSTRUCTIONS**

1. Read chapter 21 pages 478-497 in your text and write definitions for each of the 24 vocabulary words found on page 500.
2. After reading each section of the chapter, answer the section review questions on pages 484, 488, 493 and 497.
3. Complete the Extended Response question on the following page.

READ THINK EXPLAIN

4. Write an essay following the FCAT writing format explaining why producers are more abundant than consumers.
5. Turn in all completed work and ask your instructor for the Chapter 21 Test.

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