

Unit II  
Chapter 4  
*Bacteria and Unicellular Algae*



**Performance Standards**

Demonstrate understanding and apply the rules of classification. Identify and describe the major groups of living things. Compare and contrast the monerans and protists. Discuss basic cell structure and different types of nutrition.

SC.F.1.4.1	Know that the body processes involve specific biochemical reactions governed by biochemical principles.
SC.F. 1.4.2	Know that body structures are uniquely designed and adapted for their function.
SC.G.2.4.3	Understand how genetic variation of offspring contributes to population control in an environment and the natural selection ensures that those who are the best adapted to their surroundings survive to reproduce.
SC.G.2.4.4	Know that the world ecosystems are shaped by physical factors that limit their productivity.

Scientists have developed a system for organizing all living things into various categories

**STUDENT INSTRUCTIONS**

1. Read chapter 4 pages 80-96 in your text and
  - a. define or...
  - b. draw pictures, or...
  - c. diagram an explanation for the 31 vocabulary words on page 98.
2. After reading the text, complete the **Fill In** questions (1-10) on page 98 and the **Multiple Choice** questions (14-23) on page 99.
3. Answer the following question using the FCAT Short Response format:  
**Why does more photosynthesis take place in the ocean than on land?**
4. Complete the Extended Response question on the following page.
5. Turn in all completed work and ask your instructor for the Chapter 4 Test.

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Chapter 4  
Classification  
Concept Map  
Activity

