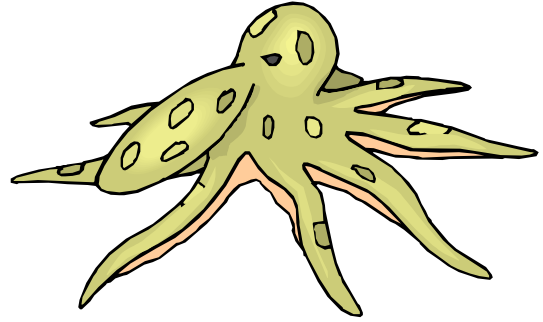


**Unit III**  
**Chapter 9—**  
*Soft-Bodied Animals*



**Performance Standards**

Describe the basic structures and functions of the bivalves. Distinguish among the variety of gastropod forms and functions. Discuss the unique shapes and adaptations of the cephalopods.

- |            |  |
|------------|--|
| 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. |

All mollusks don't live in shells. The squid and the octopus are classified as mollusks because they are soft-bodied animals with structural and developmental characteristics similar to those of the shelled mollusks.

**STUDENT INSTRUCTIONS**

1. Read chapter 9 pages 188-203 in your text and
  - a. write definitions, or...
  - b. draw pictures, or...
  - c. diagram explanations for each of the 21 vocabulary words found on page 206.
2. After reading the chapter, complete the **Fill In** questions (1-10) on page 206 and the **Multiple Choice** questions (14-23) on page 25.
3. Complete the Extended Response question on the following page.
4. Complete the Squid and Snail Lab Activity.
5. Turn in all completed work and ask your instructor for the Chapter 9 Test.

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## Squid and Snail Lab Activity

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Problem: Identify specific structures for the squid and the snail.

Skill: Species identification.

Materials: Figure 9.4 on page 194 and Figure 9.8 on page 199 in your text.

Procedure:

1. On Figure 1 (Squid) label the following parts: Suction disks, Tentacles, Eye, Siphon, Mantle, and Fin.
2. On Figure 2 (Snail) label the following parts: Anterior tentacles, Posterior tentacles, Siphon, Shell, Operculum, and Foot.

Figure 1

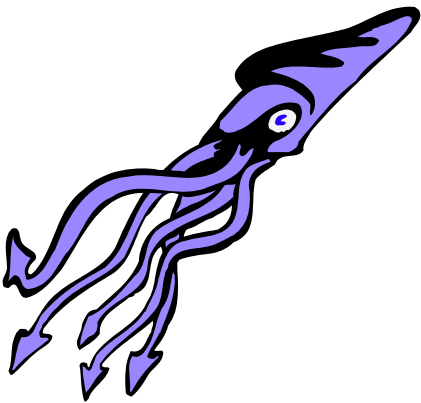


Figure 2

