

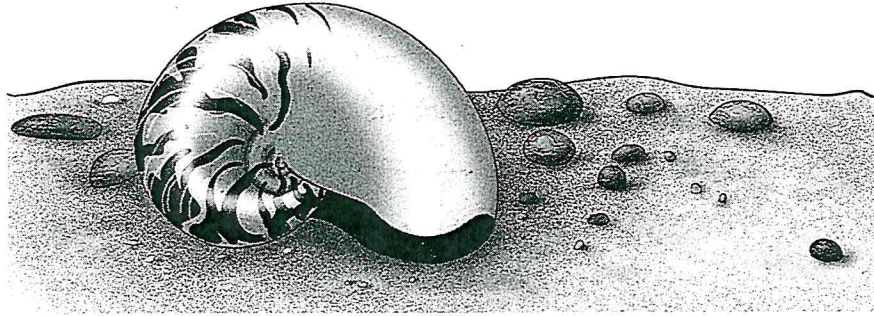


Directed Reading for  
Content Mastery

## Section 1 ■ Fossils

**Directions:** Complete the following sequencing activity.

1. Put the events below in the correct sequence on the lines provided.



- 3 a. The sediment is squeezed and cemented together into rock.  
2 b. The seashell becomes buried in sediment.  
5 c. Other sediments fill the hollow place and harden into rock.  
1 d. A seashell falls into the mud.  
4 e. Someone finds the fossil of a seashell buried in sediment and rock.  
4 f. Holes in the rock let water and air reach the seashell and dissolve it, leaving behind a hollow place in the rock.

**Directions:** Match the terms in Column I with their descriptions in Column II. Write the letter of the correct phrase in the blank at the left.

### Column I

- C 2. fossil  
F 3. cast  
e 4. mold  
A 5. index fossil  
B 6. carbonaceous film  
D 7. permineralized remains

### Column II

- a. fossil from a species that existed on Earth for a short period of time  
b. fossil made from a thin film of carbon — atoms and molecules  
c. remains imprint, or trace of a once-living organism  
d. hard and rocklike fossil  
e. cavity left in rock by a decayed organism  
f. produced when a cavity is filled in with solid matter