

Directed Reading for  
Content Mastery

**Key Terms**  
**Plate Tectonics**

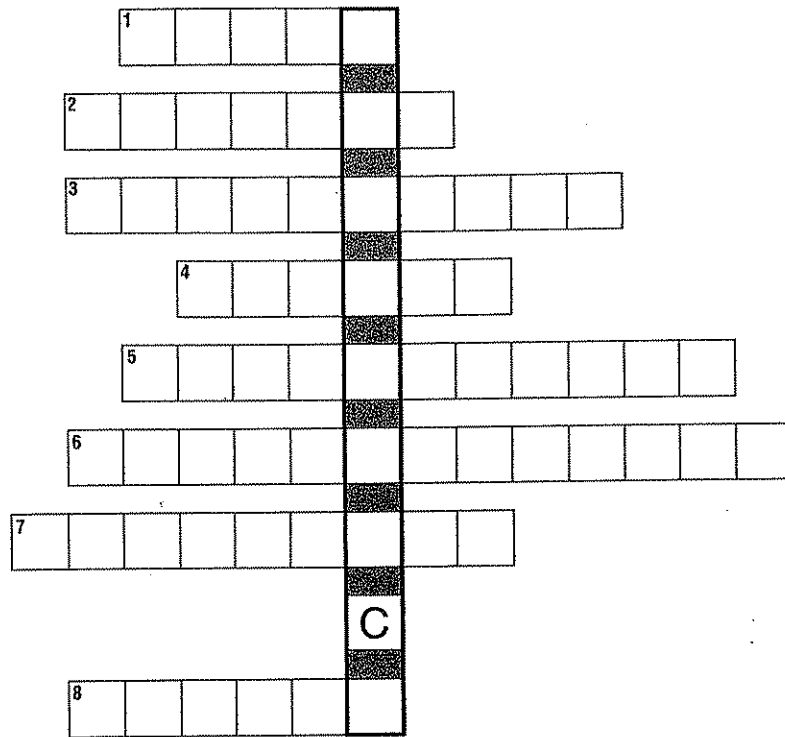
**Directions:** Use the following terms to complete the puzzle below. The letters in the darker, vertical box complete question 9.

Pangaea  
convection

mantle  
plates

spreading  
drift

lithosphere  
asthenosphere



- The hypothesis that continents move slowly is called continental \_\_\_\_\_.
- All continents once might have been connected in a large landmass called \_\_\_\_\_.
- The cycle of heating, rising, cooling, and sinking is a \_\_\_\_\_ current.
- Just below Earth's crust is the \_\_\_\_\_.
- The crust and part of the upper mantle are known as the \_\_\_\_\_.
- Continental plates move on the plasticlike layer of Earth's surface called the \_\_\_\_\_.
- Hot magma forced upward at mid-ocean ridges produces seafloor \_\_\_\_\_.
- Sections of Earth's crust and part of the upper mantle are called \_\_\_\_\_.
- The theory that Earth's crust and upper mantle are in sections that move is called plate \_\_\_\_\_.