

**Chapter 10**

Use with Section 3

**ENRICHMENT****• Theory of Plate Tectonics****Predicting Plate Movement**

The word *tectonics* comes from the same Greek base word as “architect.” Both words deal with building. An architect designs structures. Tectonics is a process by which Earth’s structures are built and changed.

1. Cut the map along the boundaries. Move the pieces to show how the plates will move in the next million years, according to the types of boundaries. Tape the pieces in place.
2. In which place(s) did you have to crumple your paper some to account for the various plate movements? \_\_\_\_\_
3. Compare your new map with those of your classmates. Discuss similarities and account for any differences. \_\_\_\_\_

