

Earth Layers and Moving Plates



Name: _____ Date: _____

Use the material to work through each task. Show the requested response.

Layers and plates

Earth has crust, mantle and core. The lithosphere includes the crust and uppermost solid mantle. It is divided into plates. Plates can move apart, together or past each other. These interactions help explain many earthquakes and volcanoes.

1. List crust, mantle and core from outside inward.

2. Which rigid outer layer is divided into plates?

3. Sort boundary motions.

A. Move apart		B. Move together	
C. Slide past			
Divergent	Convergent		Transform

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4. Which boundary type has plates moving apart?

5. Why might earthquakes cluster near plate boundaries?

6. A diagram shows plate motion with large arrows. Must plates move that far each day?

