

## Earthquakes, Volcanoes, and Mountains Review

Key Terms			
Continental Drift Theory (Pangea)	Earthquake	Volcano	Mountain
Plate Tectonics Theory	Seismograph	Erupt	Anticline
	Richter scale	Dormant	Syncline
	<b>Types of Earthquake Movements:</b> Convergent Divergent Transform Fault	<b>Types of Volcanoes:</b> Ash-and-Cinder Cone Shield Composite (Stratovolcano)	Normal Fault Reverse Fault
	<b>Types of Earthquake Waves:</b> Primary, Secondary, Surface	Hot Spot	Complex Mountain
	Focus	Ring of Fire	
	Epicentre	Geothermal Energy	

### Questions:

1. How did the Earth change according to the Continental Drift Theory (Pangea)?
2. What is the Plate Tectonic Theory?
3. Describe the three kinds of rock movement that can cause earthquakes.
4. How does a seismograph work?
5. Describe the three types of earthquake waves.
6. In Canada, where are earthquakes most likely to occur?
7. Name and describe the different types of volcanoes.
8. What similarities are there between the causes of earthquakes and the causes of volcanoes?
9. What is a hot spot?
10. How could heat from inside the Earth provide electrical energy?
11. Where is the Ring of Fire and how did it get its name?
12. Describe the two main types of mountain formation.
13. How can you distinguish an old mountain from a young one?
14. In what ways can you compare the inside structure of Earth to an egg?