

## Unit 5 Plate Tectonics Study Guide

The Unit Test will involve questions related to the following:

1. What is Continental Drift?  
Idea that 1 large land mass existed
2. What are the four observations that Alfred Wegener used to support Continental Drift?
  - a. Fit of continents
  - b. Fossils of same species separated by oceans
  - c. Fossils of tropical plants in arctic locations
  - d. Similar rocks types and mountains
  - e. Climate evidence (like glaciers)

3. What couldn't Wegener explain regarding the Continental Drift?

Because he could not explain the movement of the land masses (the how and the why)

4. What three geologic formations/activities does the Theory of Plate Tectonics explain?
  - a. Earthquakes
  - b. Volcanoes
  - c. Sea-floor spreading

5. Label the following parts:



6. Describe each type of plate boundary.
  - a. Divergent boundary –  
Boundary where 2 plates are moving away from each other (dividing)
  - b. Convergent boundary –  
Boundary where 2 plates are colliding (coming together)
  - c. Transform plate boundary –  
Boundary where 2 plates slide past each other (transverse)

# Plate Tectonics Study Guide Answer

**Karin Nielsen-Saines**



## **Plate Tectonics Study Guide Answer:**

**Student Study Guide** Peter L. Kresan, Reed Mencke, Frank Press, Raymond Siever, 2003-09-25 This reconceptualization of the text Understanding Earth reflects the fundamental changes in the field of physical geology over the past several years

**Plate Tectonics Science Learning Guide** NewPath Learning, 2014-03-01 The Plate Tectonics Student Learning Guide includes self directed readings easy to follow illustrated explanations guiding questions inquiry based activities a lab investigation key vocabulary review and assessment review questions along with a post test It covers the following standards aligned concepts Earth s Interior Heat Transfer Continental Drift Sea Floor Spreading Theory of Plate Tectonics Plate Tectonic Boundaries Changes in Earth s Surface Volcanoes and Earthquakes Aligned to Next Generation Science Standards NGSS and other state standards

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### **Plate Tectonics Study Guide Answer Introduction**

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