

## Unit 5 Plate Tectonics Study Guide

The Unit Test will involve questions related to the following:

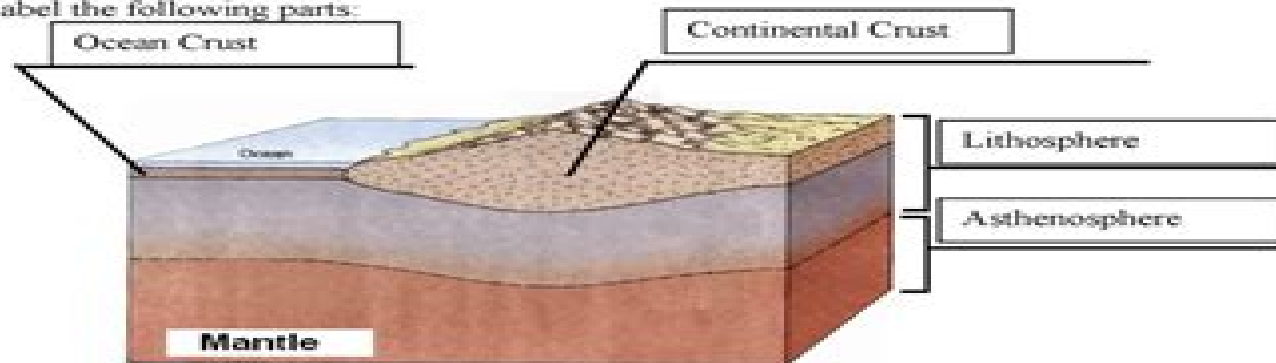
1. What is Continental Drift?  
Idea that 1 large land mass existed
2. What are the four observations that Alfred Wegener used to support Continental Drift?
  - a. Fit of continents
  - b. Fossils of same species separated by oceans
  - c. Fossils of tropical plants in arctic locations
  - d. Similar 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

**John Grotzinger, Thomas H. Jordan**



## **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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**Study Guide for Physical Geology, Geo 1001 (T451-W485)** Robert Evan Sloan, E. C. Alexander (Jr.), 1985

**Environmental Science** Michael L. McKinney, Robert M. Schoch, Logan Yonavjak, 2012 Updated with the latest data from the field Environmental Science Systems and Solutions Fifth Edition explains the concepts and teaches the skills needed to understand multi faceted and often very complex environmental issues The authors present the arguments rebuttals evidence and counterevidence from many sides of the debate The Fifth Edition includes new Science in Action boxes which feature cutting edge case studies and essays contributed by subject matter experts that highlight recent and ongoing research within environmental science With an Earth as a system approach the text continues to emphasize Earth s intricate web of interactions among the biosphere atmosphere hydrosphere and lithosphere and how we are central components in these four spheres This flexible unbiased approach highlights 1 how matter cycles over time through Earth s systems 2 the importance of the input throughput output processes that describe the global environment 3 how human activities and consumption modify Earth s systems 4 and the scientific economic and policy solutions to environmental problems Revised and updated to reflect current trends and statistics within Environmental Science New content on renewable energy solar panels and compact fluorescent light bulbs The latest information on Hydropower and the advantages and disadvantages of hydroelectric energy The companion website includes robust learning tools that enable students to make full use of today s learning technology Students will find practice quizzes virtual flashcards answers to in text questions and links to additional coverage regarding material discussed in the text Instructor Resources include an instructor s manual Test Bank PowerPoint

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

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