

Chapter 1 Section 2
Changes Within the Earth

Name _____
Class Period _____ Assignment # _____

Background: The Earth is a dynamic planet. Both forces from within the earth's interior and forces that work on the exterior crust constantly change and reshape Earth's landscape.

Define the following from your reading pages 44-57 and the Glossary. **HINT: Not all of the words are in bold or in the glossary, but they are all in the reading assignment.**

1. Geology-	2. Core-	3. Mantle-
4. Crust-	5. Lithosphere-	6. Relief-
7. Magma-	8. Lava-	9. Fold-
10. Fault-	11. Plate Tectonics-	12. Continental Drift Theory-
13. Pangaea	14. Sea Floor Spreading	15. Convection-
16. Rift Valley-	17. Diverging	18. Subduction-
19. Faulting	20. Ring of Fire	21. Hot spot

Answer the following questions after reading Ch. 1 Section 2 on pages 44-51:

22. What are the 3 basic layers of the earth?

23. **Fill in the blanks:** Landforms are shaped _____ by _____ forces.
24. Explain the statement, "Volcanoes are formed by internal forces."
25. According to plate tectonics, are the earth's continents staying in one location? Explain why or why not.
26. Examine the map on page 47. What can be said about the distribution pattern of volcanoes compared to plate boundaries?
27. List 3 evidences that the earth's continental plates are moving.
28. How does "seafloor spreading" contribute to the "continental drift theory?"
29. What force do most scientists believe is responsible for plate movement?
30. Name the 4 types of movement that are caused by internal forces.

