**Volcanoes and Earthquakes Vocabulary Study Guide**

1. Core- the center part of Earth
2. Crust- the top layer of Earth
3. Earthquake- a shaking of the ground caused by the sudden movement of rock
4. Fault- a crack in Earth’s crust
5. Hot spot- a place where magma rises from deep within the mantle
6. Lava- melted rock that reaches Earth’s surface
7. Magma- melted rock under Earth’s surface
8. Mantle- the middle layer of Earth
9. Plate- a large section of Earth’s crust and solid upper part of the mantle
10. Ring of Fire- an area in the Pacific Ocean where many volcanoes form
11. Volcano- a mountain made from melted rock that comes to Earth’s surface and hardens
12. Earth’s core is solid metal surrounded by liquid metal.
13. Mountains and hills are part of Earth’s crust.
14. An earthquake happens when two plates move suddenly.
15. Earthquakes happen along faults.
16. The Hawaiian Islands formed above a hot spot.
17. The volcano erupted lava.
18. Magma moves inside a volcano.
19. Earth’s mantle has a layer of partly melted rock ear the top.
20. The edges of some plates meet on land.
21. The Ring of Fire includes volcanoes that form along plate boundaries.
22. Lava erupts from the volcano.