Plate Tectonics Study Guide

1. Compare and contrast the lithosphere and asthenosphere.

2. What are two differences between oceanic and continental crust?

3. Compare and contrast faulting and folding. Draw a diagram of each.

4. Where are most faults located?

5. Identify the layers of Earth and briefly describe each.

6. What is seafloor spreading? Identify one location on Earth where it is occurring.

7. Describe how convection causes Earth’s crustal plates to move.

8. List some evidence that supports the theory of continental drift.

9. What is the difference between the focus and epicenter of an earthquake?

10. List some types of damage caused by earthquakes.

11. Describe convergent, divergent, and transform boundaries. (Use your tree map)

12. What is Pangaea?

13. What is subduction and when does it occur?

14. Identify a location of each of the following: mid-ocean ridge, subduction zone, hot spot, continental-continental convergent, divergent continental boundary, transform boundary.