**Plate Tectonic Unit Study Guide 2020**

1. Describe Wegener’s theory of Continental Drift.
2. Why was his idea rejected?
3. What 4 pieces of evidence did Wegener use to support his theory?
4. How is the theory of Plate Tectonics different from Wegener’s theory of Continental Drift?
5. What is some evidence that tectonic plates still move?
6. Be able to label the layers of the earth.
7. What is the driving force that allows plates to move?
8. What layers are tectonic plates made up of?
9. What are the two types of crust and how are they different?
10. How can the inner core be solid if it is so hot?
11. What does the lithosphere float on?
12. Be able to describe the three main types of plate boundaries, and what geological features might form there.
13. Be able to compare the 3 main types of seismic waves during an earthquake with regards to speed, particle movement in relation to direction of travel.
14. Be able to describe the scale used to measure severity of earthquakes.
15. Know the difference between focus, fault, epicenter.
16. Interpret a seismogram.