**Earths Interior and Plate Tectonics Study Guide**

**Define**

-Conduction -Asthenosphere -Lithosphere

-Convection - Plate Tectonics -Seafloor spreading

-Radiation -Continental drift -Continental crust

-Oceanic crust -Subduction -Trenches

-Pangaea

**Answer the following**

1. Who is Harry Hess and what did he contribute to the scientific community?
2. Which layer of Earth contains the asthenosphere?
3. Where is the lithosphere located?
4. Describe a convergent, divergent and transform boundary. Give several examples of features that are created by these boundaries.
5. What is the differences between a seismogram and a seismometer?
6. What kind of crust/plate subducts and why?
7. Which is older continental or oceanic crust and why?
8. Describe 3 pieces of evidence that supports continental drift.
9. Who is Alfred Wegener and what did he contribute to the scientific community?
10. Explain how scientist use seismic waves to determine what the interior of the Earth is made of.

\*Know what a seismogram and seismometer looks like.

\*Spelling counts!! Know how to spell all vocab words.

\*Must label and identify the layers of the Earth.