ES 11 Plate Tectonic Review

1. Definitions:

Fixism

Magnetic Striping

Sea Floor Spreading

Hot Spot

Ridge Push

Slab pull

Mantle Convection

Lithosphere

Asthenosphere

Mantle convection

1. What pieces of evidence did Wegener use to support his theory of Continental Drift?
2. What evidence did Wegener use to support his theory?
3. What is the difference between Theory of Continental Drift and the Theory of Plate Tectonics?
4. Identify and describe three pieces of evidence that plates are still moving?
5. What is the driving force that makes plates move?
6. Describe what ridge push and slab pull are and where they are located.
7. Be able to describe what hot spots are.
8. Be able to label and describe layers of the Earth.
9. What are three sources of heat of the Earth?
10. How does the protoplanet hypothesis explain the formation of the Earth?
11. Be able to describe and label diagrams of different plate boundaries.
12. Be able to identify what features/events are most likely to happen at each plate boundary.