1. Plate Tectonics is a combination of what two theories?
2. What is the process by which currents are driven by temperature differences within fluids?



* 1. As a fluid is heated it…
	2. As it rises it ….
1. This behavior of fluids creates convection currents in the mantle that are responsible for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



1. How does Plate Tectonics describes Earth’s lithosphere?
2. How can plate edges be drawn?
3. Plates can be made of:
4. What is a plate boundary? What happens at plate boundaries?

1. 3 Types of plate boundaries: (List the 3 types of convergent boundaries on the next side)

|  |  |  |
| --- | --- | --- |
|  |  |  |

What determines the type of geologic activity that will be found at a plate boundary?

1. What is a Rift Valley? What type of plate boundary forms them?
2. 3 Types of Convergent Boundaries:

|  |  |  |
| --- | --- | --- |
|  |  |  |



1. When does subduction occur?
2. What is intraplate activity? How does it form a hotspot?

