**Unit 2: Tectonic Processes**

Geography 12

**Terms to know:**

Lithosphere Convergent boundary Earthquake

Asthenosphere Divergent boundary Seismic Waves

Mesosphere Transform boundary Epicenter

Mantle Subduction zone Focus

Centrosphere Volcanic Island Arc

Inner Core Volcanic Belt/Chain Volcanism

Outer Core Fold Mountains Volcano

Oceanic crust Mid-Ocean Ridge Crater

Continental crust Rift Valley Caldera

Continental Drift Sea-floor Spreading Hotspot

Pangaea Ocean Trench Tephra

 Pyrcolastic flow

 Lahar

 Nuees Ardentes

**What to know:**

1. Identify and describe the different layers that make up the earth.
2. What are the driving forces behind plate movement?
3. What is the old and new evidence of plate movement and plate tectonics?
4. What is evidence behind continental drift?
5. What are the three types of plate movement? What features are associated with each and how are they formed?
6. Provide examples of volcanic island chains, belts, fold mountains, faults, rift valley, mid ocean ridges, and plate momement.
7. What causes earthquakes? What are the hazards associated with earthquakes?
8. What is volcanism? What is the difference between extrusive and intrusive features?
9. What are the 3 types of volcanoes? How are each classified? (lava type, shape, where they are found, etc.)
10. What are the hazards associated with volcanoes?
11. What are some examples of intrusive features? How are they formed?
12. What are the processes involved in the shaping of rock?
13. What are the different types of fault landforms?