**Plate Tectonics Map**

Unit 2: Tectonic Processes

1. Use the Atlas (p.122-123) and the blank map to label the following tectonic plates:

* Eurasian Plate
* North American Plate
* Cocos Plate
* Caribbean Plate
* South American Plate
* Juan de Fuca Plate
* Nasca Plate
* Indian Plate
* Philippine Plate
* Iranian Plate
* Arabian Plate
* African Plate
* Antarctic Plate

2. Use different coloured highlighters to highlight the **colliding zones, transform faults, and ridge zones (moving apart).**

3. Use the Atlas (p. 120-121) and the blank map to label the following features on your map. **Note:** create a symbol for a trench, mid-ocean ridges, volcanic belts, and mountain ranges.

* Aleutian Trench
* Japanese Trench
* Marianas Trench
* Peru-Chile Trench
* Mid-Atlantic Ridge
* Indian Ocean Ridge
* East African Rift
* The Andes
* The Rocky Mountains
* The Himalayas
* The Cascades

4. Create a legend.

**Plate Tectonics Review**

Use your map, notes, and readings to answer the following questions:

1. Identify the plates involved in building the Himalaya’s:

2. Identify the plate boundary at the Arabian and Iranian plate:

3. What process created the Mid-Atlantic Ridge?

4. Identify the plate boundary between the Pacific plate and North American

plate:

5. What features can be found as the Pacific plate subducts at the North American plate:

6. What feature(s) can be found at the East African Rift System:

7. Identify the plates involved in the building the Andes:

8. Lithosphere is created at which type of plate boundary?

9. Lithosphere is destroyed at which type of plate boundary?

10. Lateral sliding occurs at which plate boundary?