

Unit 4 Lithosphere Study Guide

1. Define the following terms:
 - a. Radiation
 - b. Conduction
 - c. Convection
 - d. Convergent Boundary
 - e. Divergent Boundary
 - f. Transform Fault Boundary
 - g. Volcanic Ash
 - h. Ocean Trench
 - i. Mid-ocean Ridge
 - j. Focus
 - k. Epicenter
 - l. P-waves
 - m. S-waves
 - n. Surface waves
 - o. Magnitude
 - p. Richter scale
 - q. Seismograph
 - r. Seismogram
 - s. Triangulation
 - t. Agent of Erosion
 - u. Erosion
 - v. Physical (Mechanical) Weathering
 - w. Chemical Weathering
 - x. Deposition
 - y. Oxidation

- z. Shoreline deposition
- aa. Beach nourishment
- bb. Artificial Levees
- cc. Geohazards (Natural hazards)
- dd. Meteorological Hazards

2. Describe the rock cycle.

3. Describe the plate boundaries and the landforms associated with each.

4. How do volcanoes contribute to atmospheric pollution?

5. What is a "lahar" and what type of damage can it cause?

6. Compare/contrast magma and lava.

7. In terms of earthquakes, what is an epicenter? What is a focus?

8. What causes an earthquake?

9. What are the differences between P-waves, S-waves and Surface waves?

10. Where do earthquakes occur?

