## Unit 4 Lithosphere Study Guide

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

y. Oxidation

	aa.	Beach nourishment
	bb.	Artificial Levees
	CC.	Geohazards (Natural hazards)
	dd.	Meteorological Hazards
2.	Describ	e the rock cycle.
3.	Describ	be 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?
3.	Compa	re/contrast magma and lava.
7.	In terms	s of earthquakes, what is an epicenter? What is a focus?
3.	What ca	auses an earthquake?
9.	What a	re the differences between P-waves, S-waves and Surface waves?
10.	Where	do earthquakes occur?

z. Shoreline deposition

11. How is soil formed?
12. What is the difference between physical weathering and chemical weathering?
13. Is weathering the same as erosion?
14. Name several examples of Geohazards or meteorological hazards?
15. Are there any warning systems to prepare for the various hazards in which personal and property damage can be reduced?
16. What are dams and levees and why are they built?