

Directions: Complete the following optional study guide. Provide as much detail as possible from your textbook and notes. If deemed complete by Mr. Calzadilla, you can receive 5% extra credit on the upcoming test November 18th

Type of Plate Boundary	Direction the plates move around each other	Geological Features or Events generated (including any processes for these formations)

Describe the two different ways volcanoes can form:

Piece of Evidence for Continental Drift	Explanation of how it was convincing and example locations involved

What is superposition and how can it be used to relate different rock layers:

Draw a model of convection currents and describe how they work.
What layer of the earth do you see convection currents, and how does it affect tectonic plates:

Draw a model of the rock cycle. Explain how you get from one type of rock to another, and give an example of each type of rock.

Category of Weathering (and what happens to the chemical make-up of the resulting rock)	Examples (including what agent is responsible for the example)

How does rounding and sorting occur:

List the agents of erosion and rank them based on which ones cause more sorting/have more energy: