

PLATE TECTONICS REVIEW

NAME _____ Pd _____

Continental Drift and Seafloor Spreading

What is Continental Drift? Who first theorized it?

What evidence supports the theory of Continental Drift (at least 3)?

What was the major flaw in his theory?

What is Seafloor Spreading? Who first theorized it?

What evidence supports the theory of Seafloor Spreading (at least 2)?

What happens to the age of the ocean floor as you go farther from the Mid Atlantic Ridge?

Plate Boundaries

List the five types of plate boundaries and their unique features (ie. mountains, earthquakes, new seafloor, etc.)

Plate Boundary Type	Picture (Draw and Label)	Unique Features (What do they form?)

Define hot spot and give two examples.

What is younger, continental crust or oceanic crust? Why?

Earthquakes and Seismic Waves

Define the following terms:

Seismic wave

Epicenter

Focus

Seismograph

Seismometer

S-P interval

Travel-time graph

Triangulation

Amplitude

Magnitude

Richter Scale

Fill in the graphic organizer about seismic waves.

Seismic Wave	Stands for...?	Faster or slower...?	Travels through...?
P			
S			

Volcanoes

List and describe the three zones of volcanism. Give an example of each.

- 1.
- 2.
- 3.

Fill out the graphic organizer below.

Types of Volcanoes		
Type	Description	Draw a Picture

What determines volcano type?

What determines how explosive a volcano is? Be specific.

Define the following terms:

Magma Chamber

Ring of Fire

Viscosity

Lava

Magma