

Plate Tectonics
Geology
APES
Lindemulder

Name: _____

Date: _____ Hour: _____

What are tectonic plates? What causes their movement?

What is the difference between the lithosphere and asthenosphere?

Draw and label a divergent boundary. Explain what causes it and what happens as a result of it.

Draw and label a convergent boundary. Explain what causes it and what happens as a result of it.

What is a transform fault? Explain what causes it and what happens as a result of it.

What causes an earthquake?

What causes a volcano form? What causes it to erupt?

What causes a tsunami? How can the impact be made less severe?

After completing all of the questions, get three Milky Way bars from your teacher. Create a model of each of the following: diverging boundary, converging boundary, and transform fault. When you have completed it, present it to the teacher.

Accurate Presentation:

Diverging _____

Converging _____

Transform Fault _____

Draw a cross section of your Milky Way bar and label what the different layers of the bar represent.