

Names: \_\_\_\_\_

### Clay Model Direction Sheet

- 1) Use journal 7 –Plate Boundaries to help you create your clay models.
- 2) Once all of you models are completed raise your hand to get them approved and your paper signed.
- 3) After all of your clay models are done and approved you and your partner need to answer the questions at the bottom of the page.

**Convergent:**

Continental & continental \_\_\_\_\_  
Continental & oceanic \_\_\_\_\_  
Oceanic & oceanic \_\_\_\_\_

**Divergent:**

Continental & continental \_\_\_\_\_  
Oceanic & oceanic \_\_\_\_\_

**Transform:**

Continental & continental \_\_\_\_\_  
Continental & oceanic \_\_\_\_\_  
Oceanic & oceanic \_\_\_\_\_

**Questions:**

- 1) Name the 3 types of plate boundaries and describe the movement each makes.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 2) What type of plate boundary and crust is responsible for creating mid ocean ridges?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 3) What happens when 2 continental plate collide and give an example.

\_\_\_\_\_  
\_\_\_\_\_

- 4) What is the motion of a transform boundary and what is the result of that motion?

\_\_\_\_\_  
\_\_\_\_\_

- 5) Circle three features from below that will determine if a plate will subduct under another plate.

- \* the name of the plate
- \* whether the plate is oceanic or continental
- \* which hemisphere the plate is in
- \* how fast the plate is traveling
- \* the age of the plate
- \* the density of the plate