Virtual Lab Dynamic Earth

name:_____

Go to: www.learner.org/interactives/dynamicearth/index.html

TAB Earth's Structure

1. Draw and label all of the layers of the mantle.

2. How did geologist learn about the structure of the earth? Please write in complete sentences!

TAB Plate Tectonics

3. What did Alfred Wegener discover?

4. What does "Pangaea" mean?

5. What is Laurasia-

Gondwana-

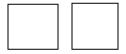
Eurasia-

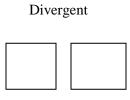
6. Draw a basic map of "Pangaea Ultima"

TAB Plates and Boundaries

- 7. The border between two tectonic plates is called_____.
- 8. Draw the arrows for the following boundaries :

Convergent





Transform

9. Give 2 example of each boundary:

Play the plate and boundary game. How many plates did you label correctly #_____, how many boundaries did you label correctly #_____. Please verify the number with teacher before exiting game.

TAB Slip, Slide and Collide

- 11. What events can occur on convergent boundaries?
- 12. What are some of the geologic features that can be seen in convergent boundaries?
- 12. What happens in a divergent boundary?

13. What happens on a transform boundary?