

Make a Plate Boundaries Foldable[©]

Directions:

1. Fold a piece of colored paper in half hot-dog-bun style.
2. Fold in half twice.
3. Cut the flaps on the front.
Be careful only to cut to the center fold!



4. Paste the Four Boundary Names on the Front.

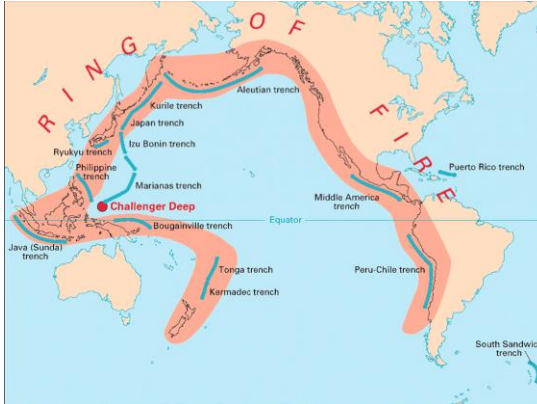
5. Inside, each section needs to have 3 things.
 - a. Put the Example Maps on the right side.
 - b. Put the Features Formed on the left along with the small Movement Sketch.

6. Put the title, name tag and World Map on the back.

7. Use four different colored pencils/markers to code each front label.
****Highlight the corresponding boundary on the World Map on the back.**

8. Answer the following questions:
 - a. Which plates are diverging off the west coast of South America?
 - b. What has formed at this plate boundary?
 - c. Which plates are converging off the west coast of Japan?
 - d. What has formed at this plate boundary?
 - e. Which plates are converging at the northern border of India?
 - f. What has formed at this plate boundary?
 - g. Which plates are sliding past each other in California?
 - h. What has formed at this plate boundary?

Divergent Boundary



means Sliding Past Each Other

FEATURES FORMED:
Rift Valley
Ridge Volcanoes

EXAMPLES:
Mid-Atlantic Ridge
Iceland Rift Valley

Convergent-Subduction Boundary

means Moving Together

FEATURES FORMED:
Trenches
Volcanic Mtns.

EXAMPLES:
Mariana Trench
Andes Mtns.

Convergent-Collision Boundary

means Moving Together

FEATURES FORMED:
Folded Mtns.

EXAMPLE:
Himalayan Mtns.

Transform-Sliding Boundary

means Moving Apart

FEATURES FORMED:
Earthquake Fault Zone

EXAMPLE:
San Andreas Fault - California

