

Describing Your Earth Structure's Plate

Using *Microsoft Word* and *This Dynamic Planet webpage*, you will create a document that contains the following things:

1. Written description of the plate
 - i. Where is the plate located on the earth?
 - ii. What does the plate carry in terms of land and water?
 - iii. How does the plate interact with its neighboring plates?
Use available data to determine how your plate is interacting with other plates. Where is it rifting from another plate? Where is it subducting? Where is transforming taking place? Where is it buckling with another plate? On your map, indicate what kind of behavior that is happening at *each* of your plate's boundaries.
 - iv. What is the overall direction the plate is moving in?
Use the behaviors listed above to determine the direction your plate is generally moving in.
2. Make sure you include the following Plate Pictures – pictures from *This Dynamic Planet* database illustrating the above points:
 - i. include a picture of the whole plate
 - ii. include pictures of each boundary (each side of the plate)
3. Connections – Make sure to demonstrate, through your written descriptions, that you fully understand what the pictures are illustrating.

Earth Structure Tectonic Plates

Name _____

Description		
4 - 3 Pts	2 - 1 Pts	0 Pts
Location on Earth clearly identified	Location on Earth identified but not clear	Location Earth not identified
4 - 3 Pts	2 - 1 Pts	0 Pts
Clear description of what land and water plate carries	Some of what the plate carries is identified	What is carried on plate is not identified
4 - 3 Pts	2 - 1 Pts	0 Pts
Clear description is given describing how the plate interacts with all its neighboring plates	Description is given of some behavior plate has with neighboring plates but is incomplete	No description is given about plate's behavior with neighboring plates
4 - 3 Pts	2 - 1 Pts	0 Pts
The overall direction of the plate is clearly stated	Overall direction of plate is unclear	No direction of plate given
Picture		
4 - 3 Pts	2 - 1 Pts	0 Pts
Pictures included that clearly illustrate above information	Pictures do not clearly illustrate information about plate	No pictures included
Connections		
4 - 3 Pts	2 - 1 Pts	0 Pts
Writing in Description elements clearly connects to picture/pictures used	Writing in Description elements not clearly illustrated by picture/pictures used	No connection between the written description and picture/pictures used

Total Points _____ / 24