

8th Grade Science Mr. Rowlinson

WEEK 8 - Due May 22

**IF YOU ARE ACCESSING AND COMPLETING ASSIGNMENTS ONLINE THROUGH GOOGLE - PLEASE GO BACK TO GOOGLE.
DO NOT COMPLETE THIS LIST IF YOU ARE COMPLETING GOOGLE ASSIGNMENTS.**

Wrap up Unit 3 Lessons 2 and 3

Refer to the information you completed last week in the Plate Tectonic Activity Handout and diagrams

1. Diagram a convergent plate boundary
2. Diagram a divergent plate boundary
3. Diagram a transform plate boundary

In and on your diagram label or describe the following

- a. Plate types (continental or oceanic)
- b. Trench and subduction zone - will not be included in all boundaries
- c. Mountains or volcanoes - will be included in most boundaries but not all
- d. Ages of rock (relative - young to old) for divergent only
- e. Faults and earthquakes - will be included in all boundaries at least one
- f. A location where each boundary is located
- g. Other information you want to add

NEW MATERIAL

Unit 3 Lessons 1 and 4

Interior of Earth and Earthquakes

Complete the WB

Complete TC

a) digital lessons and virtual labs

b) anything in your "To Do" list

INTERIOR OF EARTH

View these handouts

[Earth's interior Unit 3 lessons 1 and 4](#)

[EARTH INTERIOR CONVECTION CURRENTS](#)

[EARTH INTERIOR CROSS SECTION AND SURFACE](#)

[EARTH INTERIOR WEDGE](#)

[EARTH INTERIOR distances](#)

[Earth's magnetic shield](#)

Use this diagram to label the layers of the interior of the earth.

Include - distances, make up (common elements), solid or liquid, convection currents

[**LABEL THE INTERIOR OF THE EARTH**](#)

SEISMIC WAVES

Watch this video - [Seismic waves travel through interior of earth VIDEO](#)

View the handouts below

[seismic waves](#)

[seismic waves 2](#)

[SEISMIC WAVES TRAVELING THROUGH EARTH](#)

[SHADOW ZONE](#)

Use this diagram to label seismic wave movement through the interior of the earth

Include - S and P waves, the path of waves (note different layers), shade zones (both S and P), epicenter and focus of an earthquake (plot one spot where an earthquake would occur)

[LABEL THE INTERIOR OF THE EARTH](#)