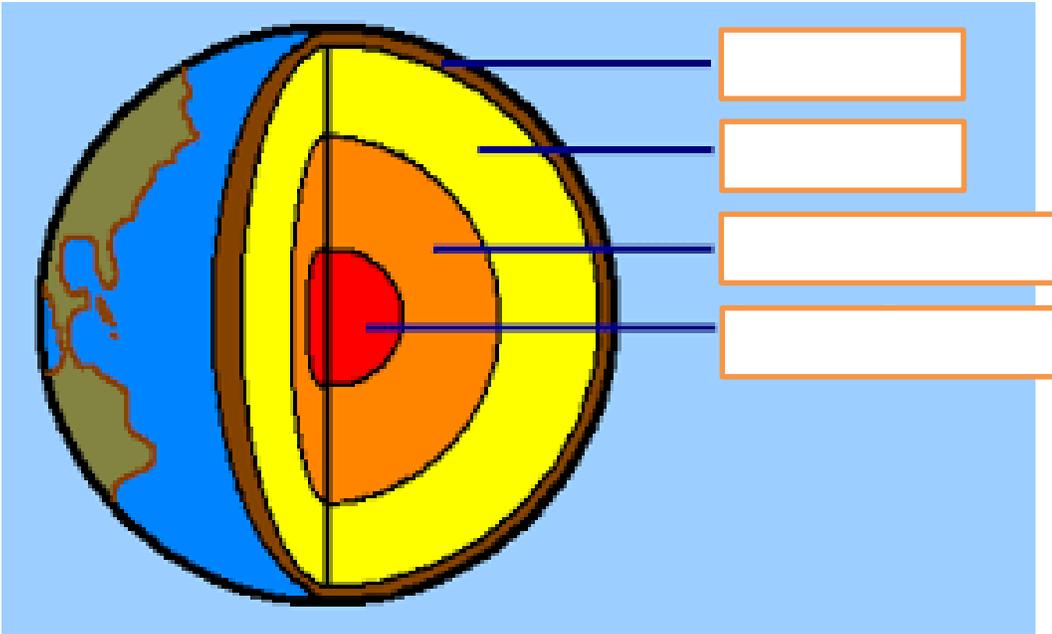


LAND BENEATH OUR FEET ALTERNATIVE ASSIGNMENT

You need to answer the questions on a separate sheet of paper. We will grade this assignment and then average this grade and the grade on your test to get your final score.

Structure of the Earth

1. Label the diagram:



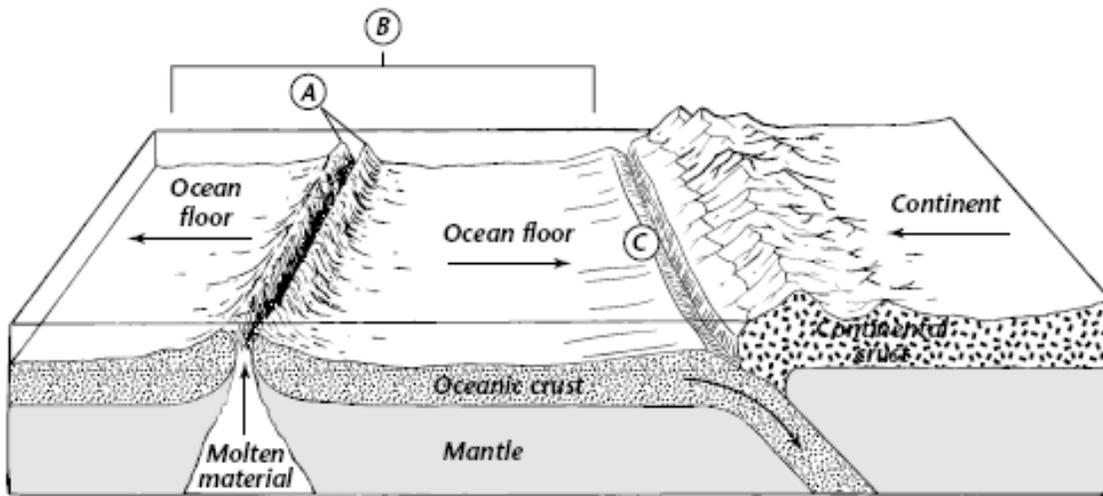
2. Describe the composition/ characteristics of each of the layers.
 - a. Crust
 - b. Mantle:
 - c. Outer Core:
 - d. Inner Core:
3. Thinking about density, temperature, and pressure explain their relationship to the layers of the earth.

Formations due to Forces within the Earth

4. Explain the continental drift theory.
5. Fill in the chart with the correct information.

Name of Plate Boundary	Type of movement	Drawing (ONLY 1 per type of boundary)
A.		
B.		
C.		
D.		

Use the diagram to answer questions 6-8



6. What feature of the ocean floor is shown at A?
7. Describe the process occurring at B, and explain what results from this. (**Hint:** This process starts at “A” and ends at “C”)
8. What happens to old oceanic crust as new molten material rises from the mantle?
9. The lithosphere is broken into separate sheets called: _____
10. Fill in the chart with the correct information.
11. Explain the epicenter and the focus of an earthquake.
12. What is the difference between lava and magma?
13. What are the waves that travel through Earth carrying the energy released during an Earthquake?

Formation of Soil related to parent rock/ Soil Stewardship

14. Explain how each type of rock is made (Sedimentary, Metamorphic, Igneous)
15. What is the process that breaks down rocks and other materials at Earth’s surface?
16. What is the movement of rock particles by wind, water, ice or gravity called?
17. What is the best horizon of soil for plant growth and explain why it is the best.
18. Why is it important for humans to monitor the soil and maintain healthy soil?