

Name: _____

Date: _____

Earth Sciences Pre-Assessment

****You will take this same test at the end of our unit in December. This is an opportunity show what you think you know, make some guesses, and consider all that you will learn this fall!****

This is NOT graded...it is a benchmark to know what you know and how much you learn!

What does Geology mean???

Geology - LIST what you think you know about anything related to Geology:

1. What are the layers of the earth? Draw a basic example showing what you know about the layers
2. What are the three different rock types? Describe each type.

3. Draw a sketch of the rock cycle. Include all appropriate terms to describe the types of rocks, processes formed, and all arrows that need to be added
4. Describe what you know about the theory of plate tectonics
5. Describe the three different ways plate boundaries move against one another
6. What is the Ring of Fire? What does it refer to? Why does it exist?
7. What is a geologic fault? What happens around active fault zones?
8. What are two major geologic events in the formation of the Columbia River Gorge
9. What are three volcanoes near Portland?

Geology Essential Questions

Respond to each essential question in 1-5 sentences. Can you add any specific examples?

A. How does our earth work?

B. How are earth's systems interconnected?

C. How is geological evidence gathered and used to inform what we know?

D. Where are examples of stability and change...

E. How does geology impact my life and human beings?

List any wonderings about Earth Science and Geology...