

EARTH'S SURFACE WEBQUEST

Before starting the webquest, read the information in the Learning Objective tab. It will help you have an idea of the concepts you will learn from the webquest ☺
Have fun learning!!!

Tab#1- 1. Explore the information in the Earth's Structure interactive website.

2. Write down one fact about each of the following:

- a. crust -
- b. mantle -
- c. outer core-
- d. inner core –

Tab #2- Listen to the song and fill in the blanks:

- 1. Crust moving 'cause of _____.
- 2. The core is really _____ and _____.
- 3. _____ crust the densest and the skinniest.
- 4. The continents fit together something like a _____.
- 5. When the rock breaks, there's a crack called a _____.

Tab #3- Why does the earth have different layers? List FIVE reasons:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

Tab #4- Watch the video and answer the questions:

- 1. Describe or sketch how a peach represents a model of the earth:

- 2. Earth is layered the way it is because of _____.
- 3. The (tectonic) plates are in _____ movement.

Tab #5- Watch the Brain Pop video about the Earth's Structure. Take the REVIEW quiz at the end of the video. Record your score. My score was:_____.

Tab #6- Read the information about density and then solve the 7 density problems. You may use a calculator. Don't forget that there is a calculator on your computer. SHOW YOUR WORK.

What is the formula for finding density?

4.

1.

5.

2.

6.

3.

7.

Tab #7- Read the information provided on the website and answer the following questions:

Name the four layers of the Earth in order from the outside to the center of the Earth.

What causes the mantle to "flow"?

What are the two main metals that make up the outer and inner core?

Describe in your own words how the Earth's layers were formed.

"The Four Layers" will help you.

Tab #8- Watch the video. Write THREE things you learned.

1.

2.

3.

Tab #9- Listen to the erosion song. Fill in the blanks:

1. I am erosion. I am just wind, _____, _____, and _____.

2. I'm gonna break you down. I'm _____ I'm gonna take you down with my _____ and _____ ways.

Tab #10- Watch the video and write THREE things you learned.

1.

2.

3.