

Name _____ Score _____

Group No. _____ Section _____ Date _____

Activity 1

Modeling Layers of the Earth

COMPETENCY

S9ES-1a-j-36.4. Describe the internal structure of the Earth. (Systems and System models)

BIG QUESTION

What are the characteristics of the layers of the Earth?

Materials:

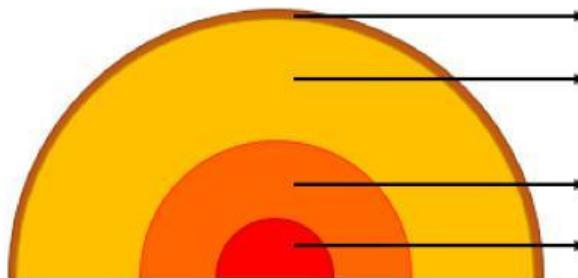
Hard-boiled egg

Knife

Plate

Procedure:

1. Examine the illustration of the earth's interior structure and label each layer.



2. Place the hard-boiled egg on a plate.
3. Crack the egg shell then slice the egg in half.
4. Sketch and accurately label each component of the egg to represent the corresponding layer of the Earth.

5. Compare the structure of the egg to the interior structure of the Earth. Look for similarities and differences vis-a-vis the image of the layers of the earth.

Guide Questions:

1. Which layer of Earth is represented by the egg's outer shell?

2. Which layer of Earth is represented by the egg white?

3. Which layer of the Earth is represented by the egg yolk?

4. What are **similarities** between the earth's layer and the hard-boiled egg?

5. What are the **limitations** of the hard-boiled egg when used to compare with the structure of the earth?

Generalization:

Why do you think it's essential to understand the structure of the Earth's layers?
