

Name: _____

Period: _____

An Avocado Activity

OBSERVATION SKILLS:

What I notice about the avocado:

- Outer layer dark green
- Layer of yellow
- Pit is brown
- Looks fresh
- Egg shaped

APPLICATION TO PRIOR KNOWLEDGE:

What I notice about the avocado in comparison to the readings of the layers of the Earth:

The avocado has layers, just like the Earth does.

ANALYSIS OF LEARNING:

How does the avocado model the earth's layers well?

The pit would be like the Earth's core.
 Also skin like crust and meat is like mantle.

Problems with the avocado modeling the earth's layers:

- Size of layers are off - not to scale
- Colors are different
- Can't completely cut in half.
- skin more delicate
- not enough layers
- no liquid layer
- status of matter are different
- shape
- temp

SYNTHESIS OF LEARNING:

Propose another model for the layers of the Earth. Explain your model: What would you use? How is it a good model? How is it a poor model? Etc. Be prepared to share with the class!

- egg
- onion
- apple
- kiwi
- cabbage
- clay
- bean dip
- snowball
- burrito
- brussel sprouts
- pineapple
- softball/baseball
- rubber band ball
- plum
- tree rings
- watermelon
- foam ball
- rock?
- burger
- peach
- golf ball
- geode

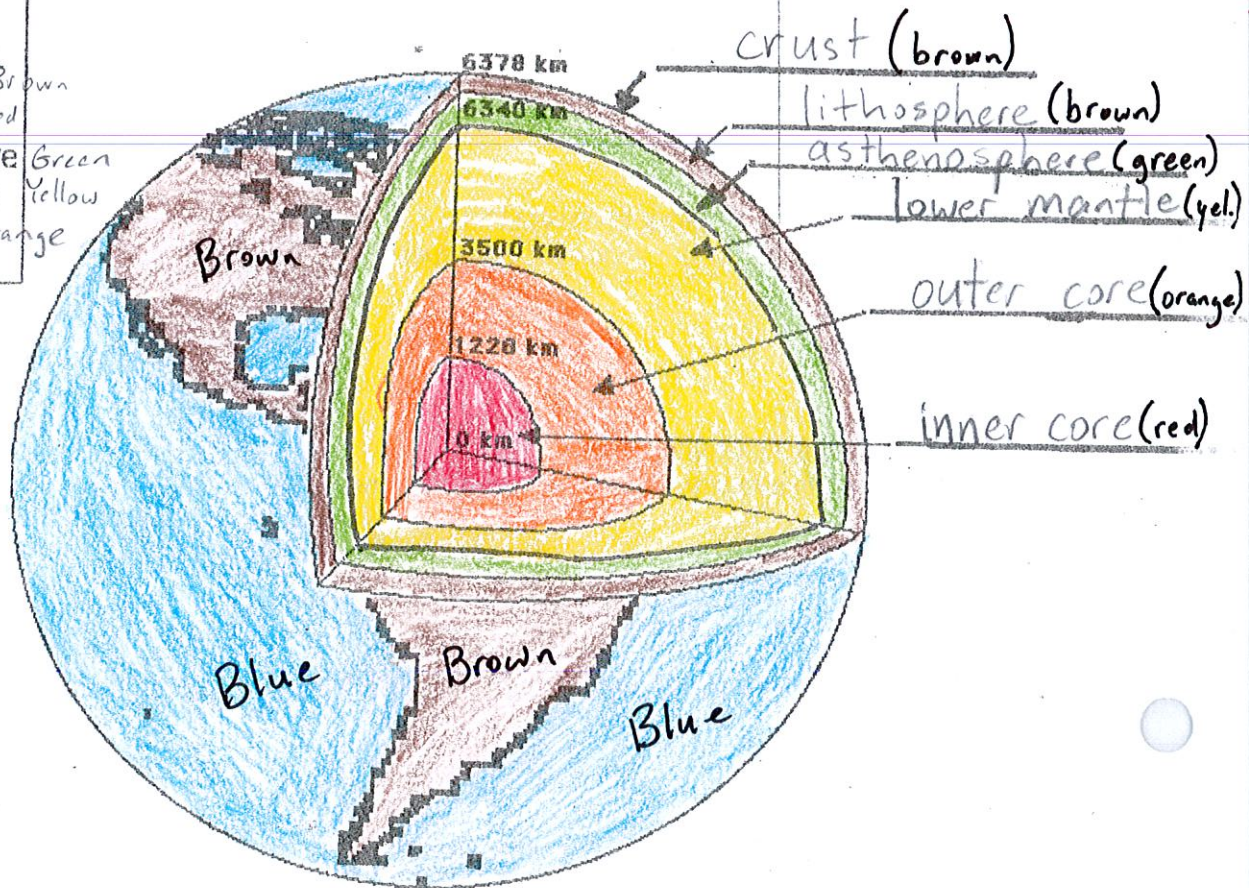
EVALUATION OF LEARNING:

After listening to your peers' alternative models for the layers of the Earth, explain which is the best. Why is it the best? How will this help YOU remember the layers of the Earth?

Label the Layers

Directions: Use the word banks below to label the layers of the Earth.
Each diagram has its own word bank!!

- Crust Brown
- Lithosphere Brown
- Inner Core Red
- Asthenosphere Green
- Lower Mantle Yellow
- Outer Core Orange



- Continental Crust- Brown
- Lithospheric Plate- Brown
- Oceanic Crust Brown
- Inner Core Red
- Ocean Blue
- Asthenosphere Green
- Lower Mantle Yellow
- Outer Core Orange

