

## Earth Layers and Convection Currents Review: for

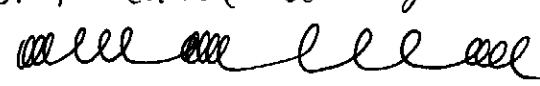

### Quiz

# ANSWER KEY - by Cromhart

Be able to name the four layers, put them in order, know what material they are made out of and if they are liquid or solid.... (answer below...)

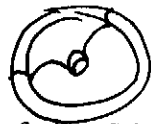
Lithosphere	Mantle	Outer core	Inner core
Rock, Solid	Rock solid/mushy	Metal liquid	Solid Iron (metal)

Know two differences between Primary and Secondary Waves

- Primary is faster but doesn't cause damage
- primary - compressional   
Secondary - transverse 

### **WHAT HAPPENS WHEN SEISMIC WAVES PASS THROUGH THE EARTH? DRAW A DIAGRAM IF YOU WANT.**

they bend or refract when entering a different layer.



Which layers of the Earth have convection currents? Why do they have them and what causes them? Mantle + Outer core - because they are liquid or mushy - caused by HEAT!

What causes the continents to constantly move? And what will happen to our continents in the future?

Continents move because they are floating on the mantle which is moving. They are like boats. Continents will collide again in the future.