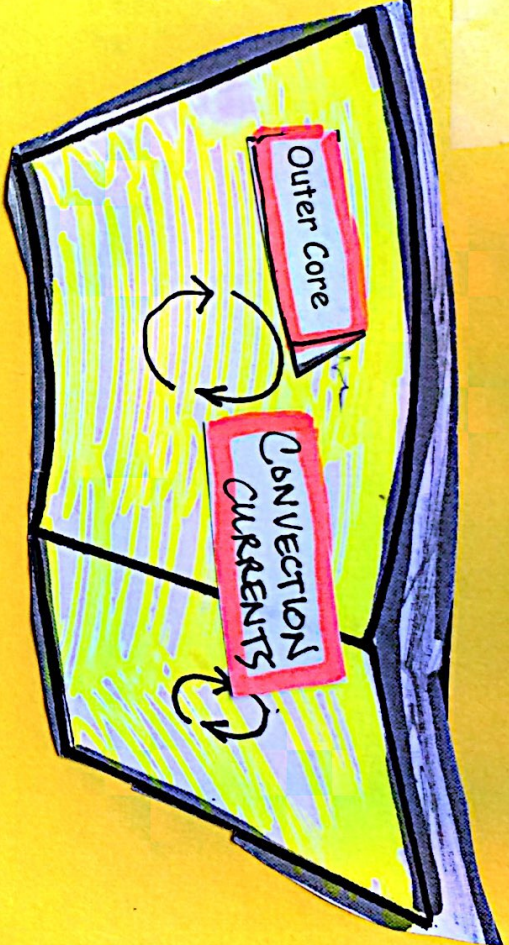


MANTLE

Lower Mantle

Solid



**OUTER CORE**  
 Composition : Iron (Fe) + Nickel (Ni)  
 Thickness : 1400 miles  
 State of Matter : LIQUID

OUTER CORE

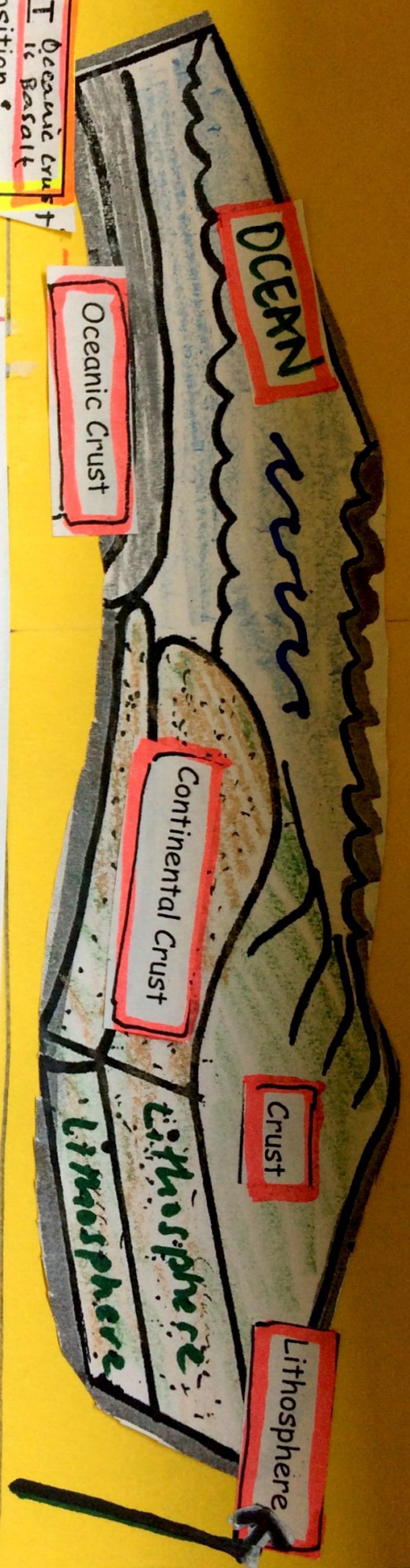
1. Convection currents in outer core cause earth's magnetic field.
2. Temperature is around 8,432°F

INNER CORE Layer

1. Most SOLID DUE TO INCREDIBLE PRESSURE.
2. HOTTEST LAYER? 10,000°F?

**CRUST** is Basalt  
 Composition: Continental crust is Granite  
 Thickness: 3-43 miles  
 State of Matter: Solid

Very Hot rock  
 Thickness: 1,777 miles  
 State of Matter: Solid, Semi-Solid, solid



CRUST

1. There are two types of crust. Continental crust (Granite)
2. Oceanic crust (Basalt) is more dense than continental crust and will sink under continental crust.

MANVILLE

1. Mantle has 3 sections. The top section is solid and part of the lithosphere. The middle section is plastic and moves in convection currents and is called the Asthenosphere. The bottom third of the mantle is solid but extremely hot.