

Structure of the Earth
Pg. 68
Textbook

Upper Mantle:

- 670km thick
- Bends + flow under pressure
- Semi-Motion
- Temp 500-900 degrees
- Made up of:
Iron, Silica, Magnesium, Oxygen

Earth has THREE layers:

- Core
- Mantle
- Crust

Crust

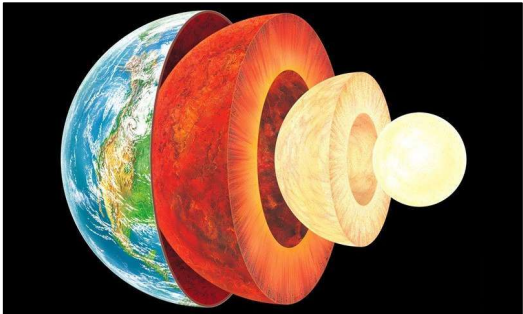
- 5-70km thick
- Variable thickness
- Thin part of the crust is the oceanic crust
- Made of igneous rock, it forms the surface of the ocean base which is 5-10km thick
- Thicker crust = continental crust which is made of granite
- Forms the surface of the Continents

Lower Mantle:

- 2230km thick
- Solid
- Temp 4000 degrees
- Minerals:
Iron, Silica, Magnesium, Oxygen

Mantle:

- Made up of TWO layers
- Lower Mantle and the Upper Mantle
- Between the crust and the core
- Widest layer



Core:

- Made up of TWO layers
- Inner Core:
Solid, made up of Iron and Nickel
- Outer Core:
Liquid, made up of Iron Nickel, temp is 5500 degrees