

## Earth's Internal Structure

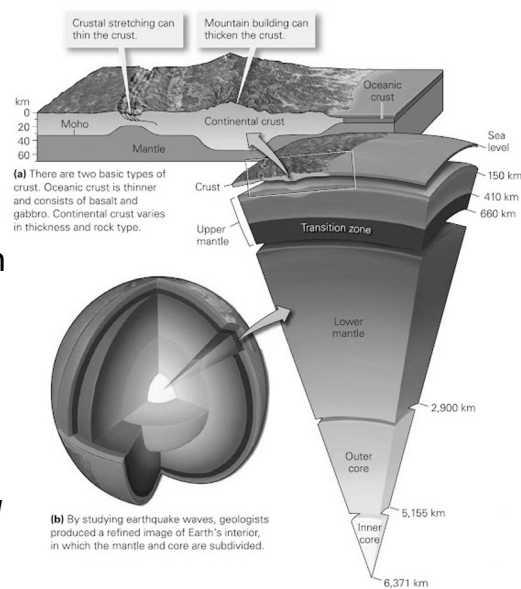
### Internal Layers of the Earth

#### Inner Core

Solid Iron (*Fe*) metallic inner layer at high temperatures approaching the sun

#### Outer Core

Thick Liquid Iron (*Fe*) and Nickel (*Ni*) layers that flow based on convection currents (*flow based on density*). The outer core produced the *magnetic field* within the earth structure.



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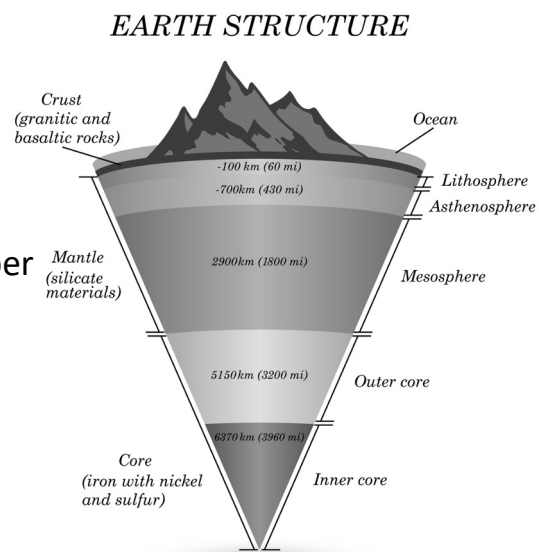
### Internal Layers of the Earth

#### Upper Mantle

*Lithosphere*, liquid upper layer made of magma made of liquid rock. The upper mantle's magma becomes lava when it leaves the mantle to the crust.

#### Lower Mantle

*Asthenosphere*, thicker liquid that supports the upper mantle into the transition to the core. Temp = 4000K



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