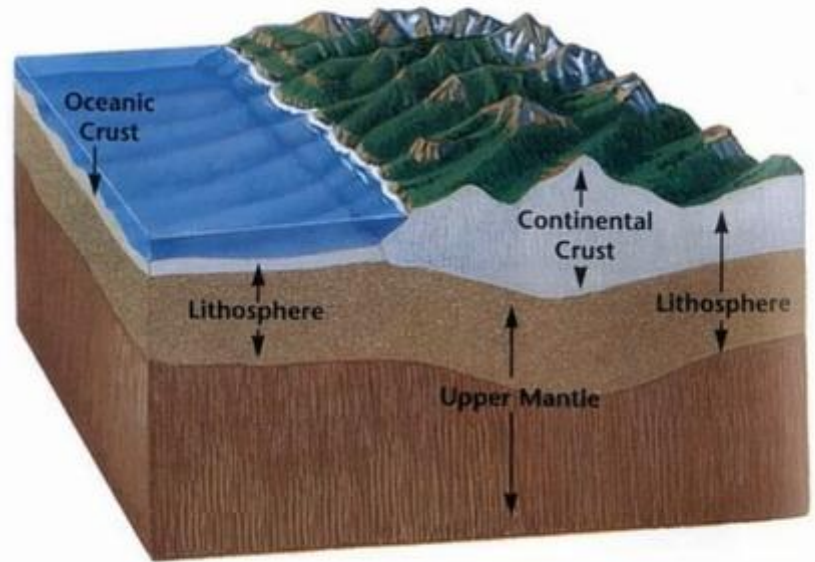
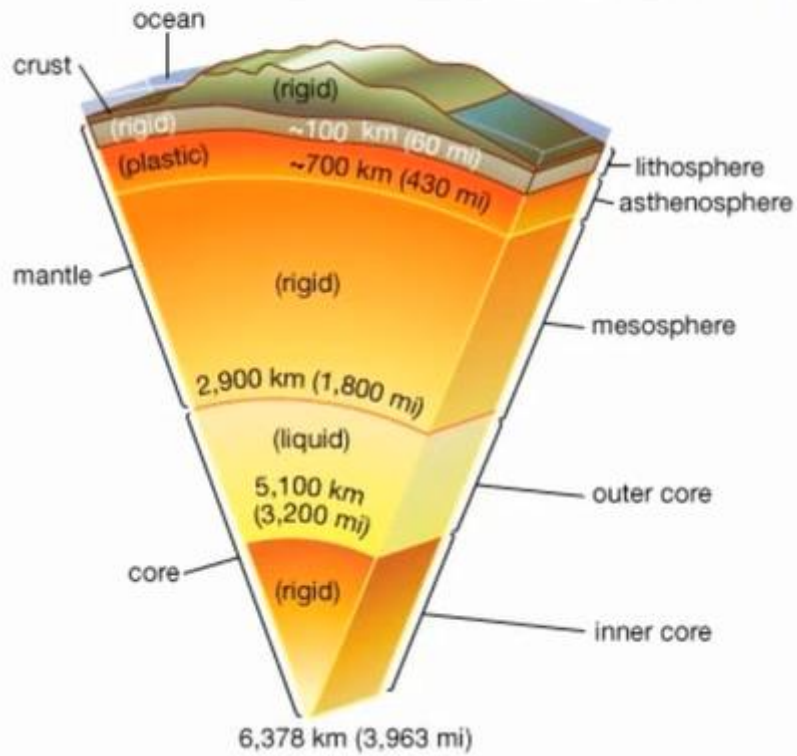
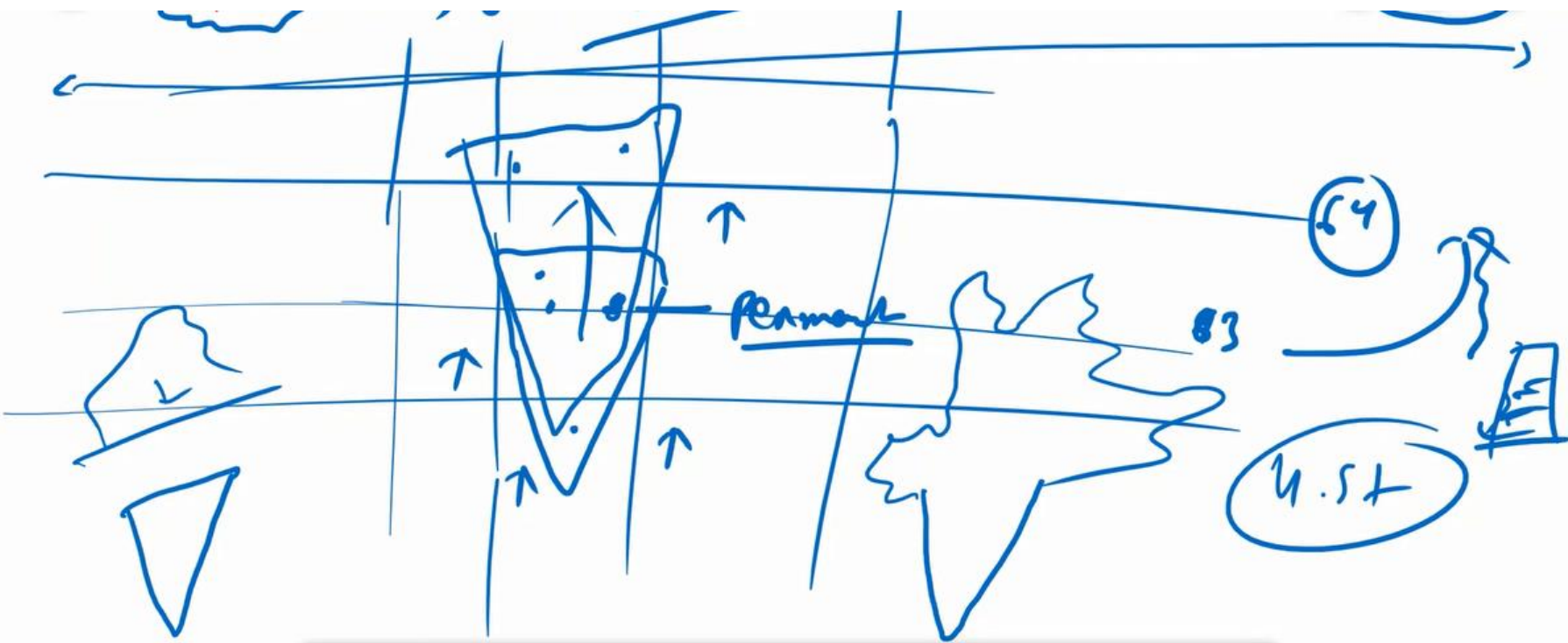
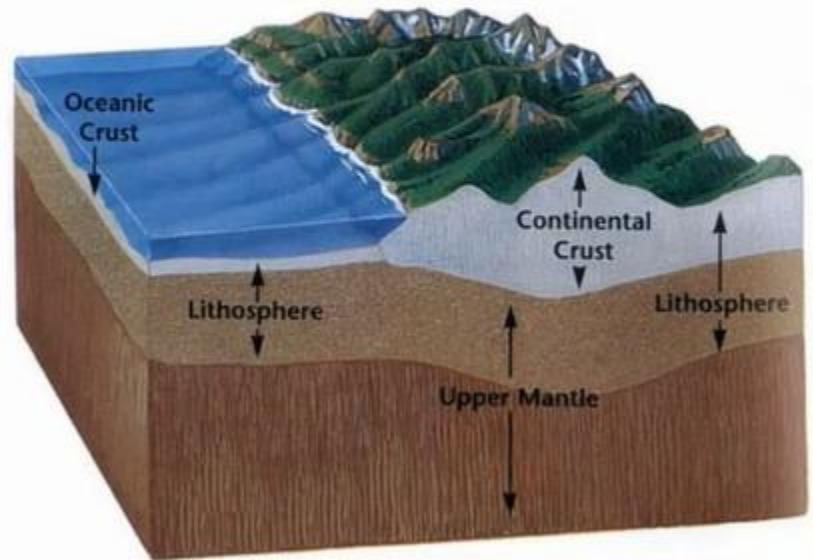
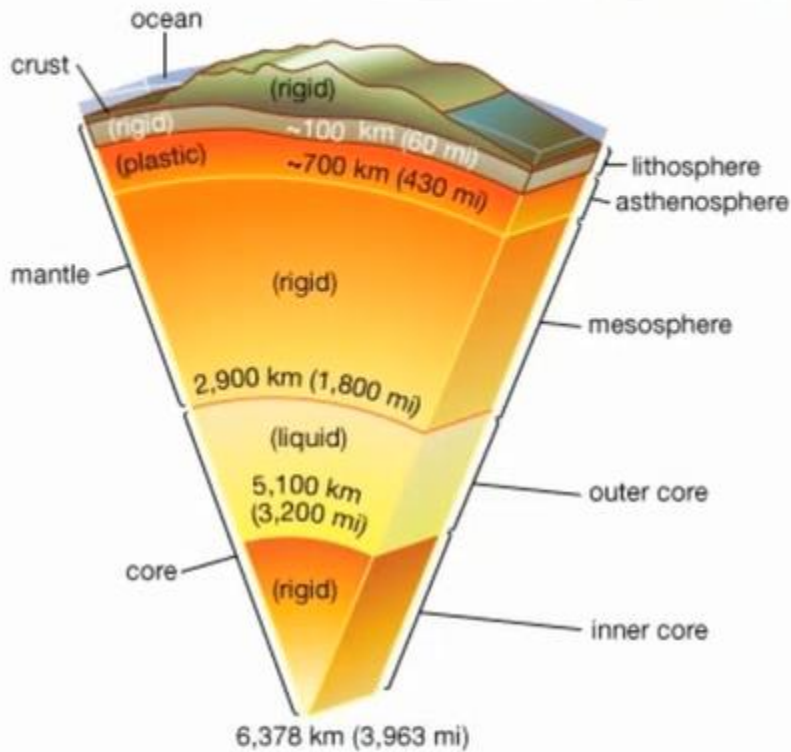


# INTERNAL STRUCTURE OF EARTH



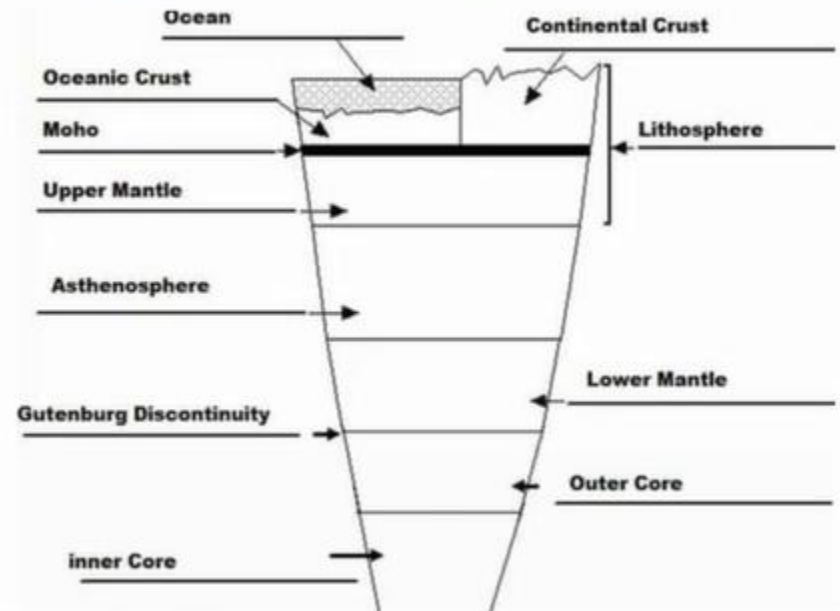


# INTERNAL STRUCTURE OF EARTH



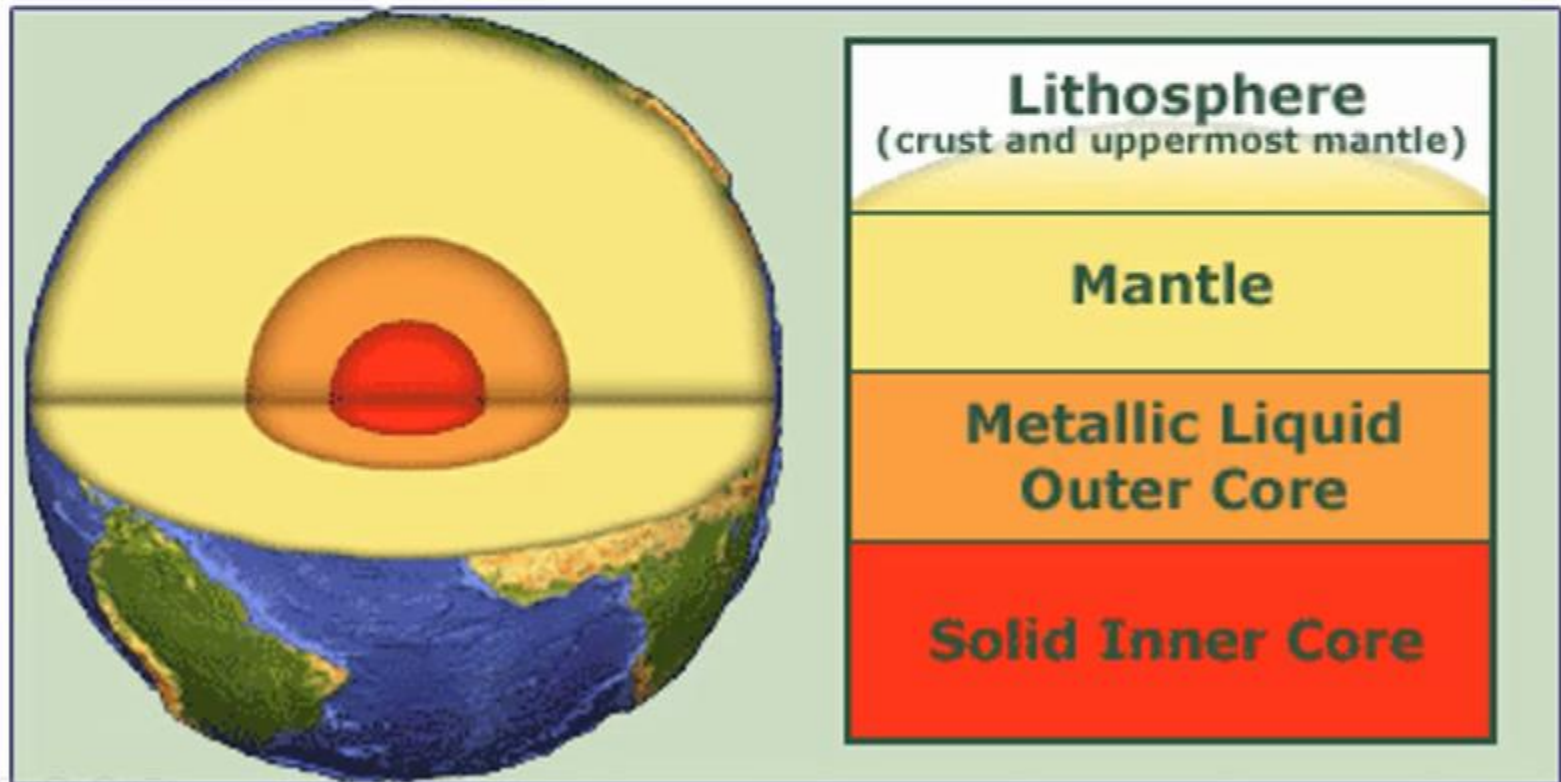
**Mohorovicic Discontinuity:** Boundary surface between the crust and the mantle

**Gutenberg Discontinuity:** Boundary surface between the mantle and core



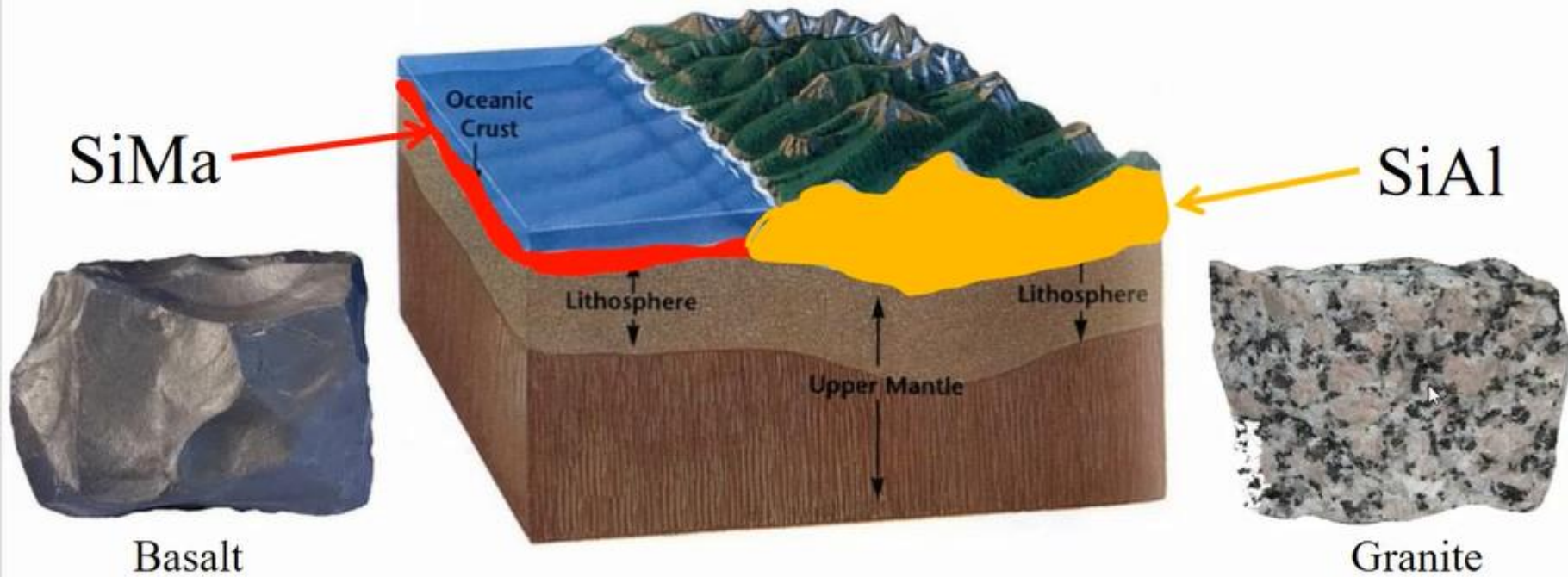
# LITHOSPHERE

- The Lithosphere is the solid rock portion of the earth that covers it.
- It includes the crust and the upper most rigid part of the upper mantle.
- All the rocks of the earth, from mountains to the sea floor composes the Lithosphere.





# STRUCTURE OF THE CRUST



## SiAl:

- Si: Silica, Al: Aluminium
- Uppermost layer of the crust
- Average Density: 2.7 gm/cc
- Composed of Granite
- Continental crust

## SiMa:

- Si: Silica, Ma: Magnesium
- Layer below SiAl
- Average Density: 3 gm/cc
- Composed of Basalt
- Oceanic crust