

The Earth is over ≈ 1200 km thick and has 4 distinct layers.

① **Crust**

- outer solid rock layer
- ex. land and oceans

② **Mantle**

- thickest layer
- ↳ Upper mantle

a. Lithosphere \Rightarrow Part of the crust and upper portion of the mantle

b. Asthenosphere \Rightarrow molten layer

↳ lower mantle

- solid rock - mostly iron and magnesium

③ **Outer Core**

- composed of liquid iron & Nickel

④ **Inner Core**

- solid iron and nickel