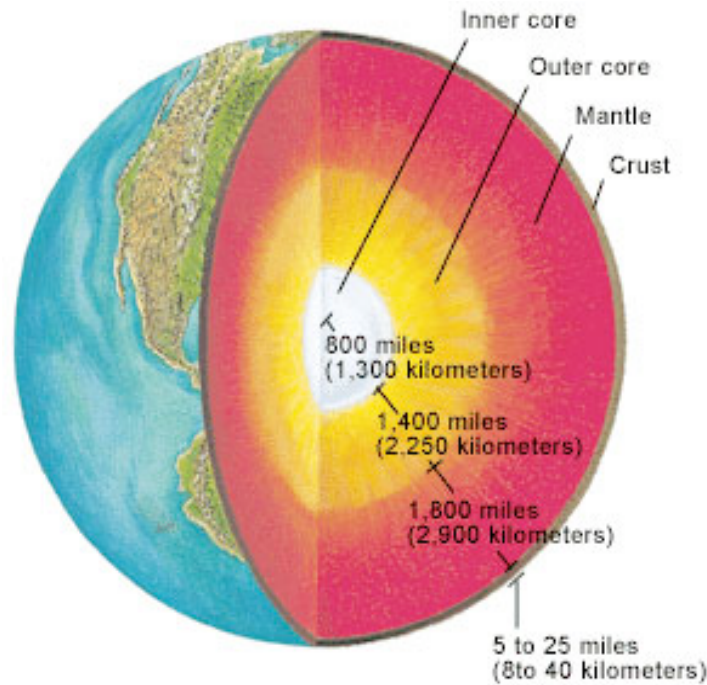


# EARTH'S LAYERS



Layer	Description	Composition	Temperature	Density	Thickness
Crust (oceanic)	Rigid, broken into plates	Igneous rocks like granite, sedimentary rocks, other rocks	Ocean temperature to 870°C near the mantle boundary	More dense than the continents	5 km
Crust (continental)	Rigid, broken into plates	Basalt	Air temperature to 870°C near the mantle boundary	Less dense than the ocean floor	30 to 100 km
Mantle	Hot, dense, semi-solid	More iron, magnesium, calcium	500°C near crust to 4,000°C near core	Denser than the oceanic crust	2,900 km
Outer Core	Thick liquid	Iron, nickel	4,400 to 6,100°C	Denser than the mantle	2,200 km
Inner Core	Solid		7,000°C	Most dense layer	1,250 km in diameter