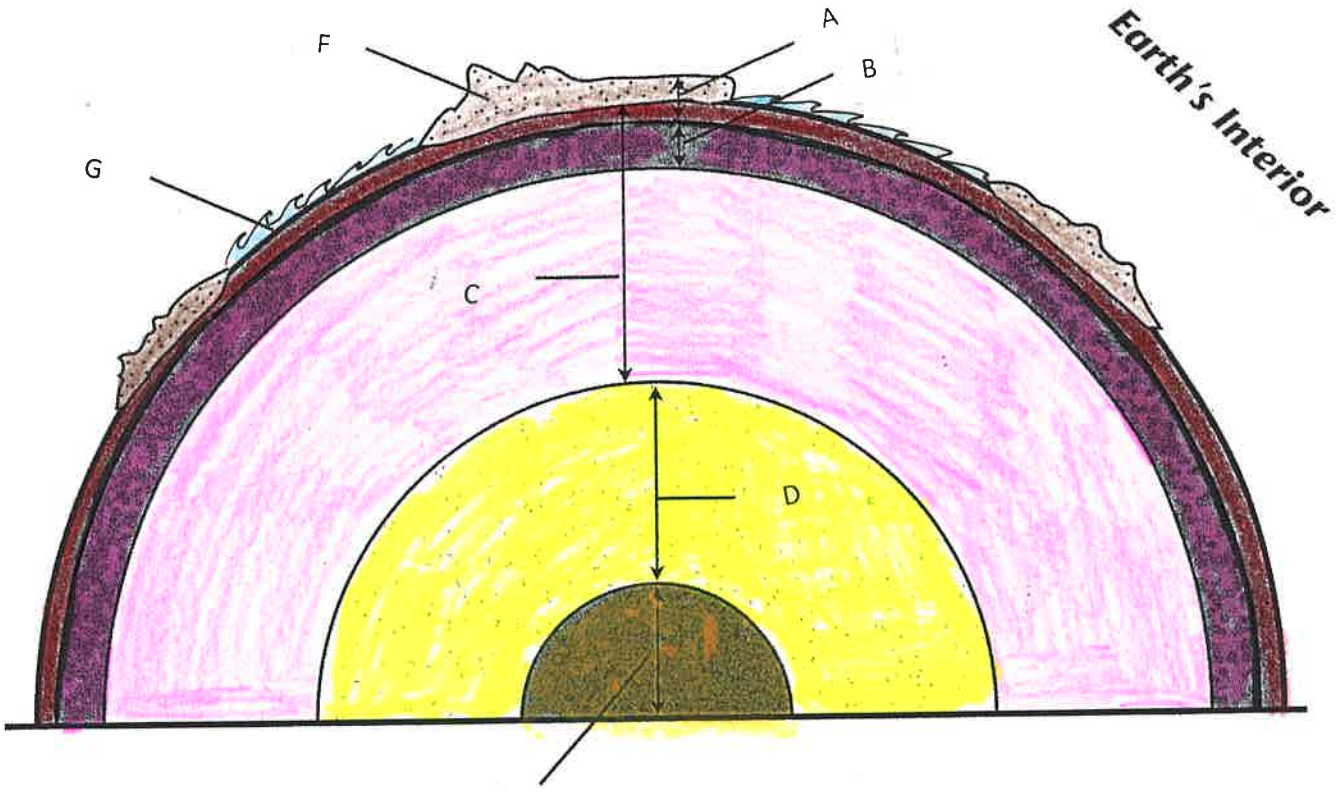
Earth's Interior Diagram and Info Chart



Layer	Name of Layer	Description of the layer	Color the layer the following color:
A	Lithosphere Litho = "stone"	Includes the crust and the uppermost part of the mantle (solid); broken into plates that move; also called lithospheric plates or tectonic plates	Top of layer of lithosphere is tan-brown; bottom layer of lithosphere is dark pink or red
B	Asthenosphere Astheno = "weak"	Is the middle third (section) of the mantle; plasticky; very hot; this is the section that moves in convection currents	Medium pink
C	Mantle	Divided into 3 sections; it is the thickest layer; this layer (convection currents) causes the lithospheric plates to move	Uppermost mantle= red Middle Mantle = medium pink Bottom mantle = light pink
D	Outer Core	Completely liquid metal (Fe, Ni); very hot; moves in convection currents; causes the earth's magnetic field	Yellow
E	Inner Core	Very dense ball of solid metal (mostly Fe); hottest layer; has most pressure; center of the earth; created by pressure of other layers	Orange
F	Continental Crust	The part of the crust that is on dry land; mostly made of Granite (hence the speckled picture); forms the continents; density is 2.7 g/cm^3	Speckled brownish tan (most granite is tan-brown)
G	Oceanic Crust	Forms under oceans when lava cools rapidly; made of Basalt; has a density of 2.9 g/cm^3	Dark Gray (Basalt is gray)