

Layer of Earth	Approximate Thickness	Approximate Temperature	Made up of . . .	Other Details
	_____ miles thick		_____ & _____	- _____ -broken into smaller pieces, called _____ -where we _____; includes mountains, rivers, valleys, etc.
	_____ miles thick	Top _____ °F Bottom _____ °F	-has properties of _____ & _____ -upper mantle is solid rock -inner mantle is partially melted	-the _____ layer -has _____
	_____ miles thick	approximately _____ °F	_____ (_____) -mostly <u>iron</u> (& nickel)	-less _____, but high _____ cause metals to be a liquid - _____ generated by rapidly circulating _____
	_____ miles thick	approximately 9,000 °F (similar to the temp of the sun, only hotter) 7,900 – 11,000 °F	_____ - mostly _____ (& _____)	-Extreme amounts of _____ from the above layers cause it to be _____ - _____ part of our earth

Other Important Details:

The center of the earth to the surface is approximately 4,000 miles

\_\_\_\_\_ approximately 60 miles thick, made up of the crust & upper mantle, is made up of tectonic plates (float on inner mantle); mostly under water,

\_\_\_\_\_ has approximately 12 large plates & many smaller ones, rigid

\_\_\_\_\_ approximately 60 miles thick, hot liquid

\_\_\_\_\_ an instrument that measures/records earthquake details (force & duration)