

<b>Structure of the Earth</b>						
	<b>Thickness(km)</b>	<b>Density (g/cm<sup>3</sup>)</b>	<b>cm scale to A4:</b>	<b>cm scale to A3:</b>	<b>Scale factor (variable):</b>	
Atmosphere	470		2.03	2.87	29.7	A4 29.7cm
Troposphere	10		0.04	0.06	42	A3 42.0cm
Crust	30	2.2	0.13	0.18		
Upper Mantle	720	3.4	3.11	4.40		
Lower Mantle	2,170	4.4	9.37	13.25		
Outer core	2,260	9.9	9.76	13.80		
Inner Core	1,220	12.8	5.27	7.45		
<b>Radius:</b>	6880		29.70	42.00		
Follow this link to find out about the interior of the Earth:						
<a href="https://www.bgs.ac.uk/discoveringGeology/hazards/earthquakes/structureOfEarth.html">https://www.bgs.ac.uk/discoveringGeology/hazards/earthquakes/structureOfEarth.html</a>						
<a href="#">Click here</a> to see a ready made scale diagram of the Earth's interior, or follow the instructions below to make your own:						
Print this 24x19 grid paper to make your own layered Earth diagram using the cm scale in column F or G:						
<a href="http://www.math-aids.com/cgi/pdf_viewer_4.cgi?script_name=graphing_paper.pl&amp;size=5&amp;x=131&amp;y=24">http://www.math-aids.com/cgi/pdf_viewer_4.cgi?script_name=graphing_paper.pl&amp;size=5&amp;x=131&amp;y=24</a>						
Add labels showing actual thicknesses and densities in the correct units						
[Extension task - Research the materials and properties of each layer]						
For extra interest, follow this link about the interior structure of Mars:						
<a href="https://www.youtube.com/watch?v=7Dc-8WOtJPY">https://www.youtube.com/watch?v=7Dc-8WOtJPY</a>						

# Layers of the Earth (km)

