

Structure of the Earth – Flipbook

You are going to make a flipbook showing the structure of the Earth. Make sure to use as much detail as possible as this will make it a better resource to revise from.

Instructions

1. Cut out the 5 circles showing the earth and its interior structure.
2. On the picture of the earth colour the land green and the oceans blue.
3. For each of the other four circles colour in the relevant part of the earth (crust, mantle, inner core and outer core).
4. Stick the outer core circle into your book in the centre of the page. Then stick each circle over the top (using only the top section so that you can open the layers) so that you have the layers in order.
5. Use the facts below to add information around your flipbook.

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This layer is between 5 and 50km thick.

This layer is 1,800km thick.

This layer is 2,266km thick.

This layer is 2,440km thick.

The temperature ranges from 900-4,000°C.

The temperature ranges from 4,030-5,730°C.

The temperature here is 5,430°C, the same as the surface of the sun.

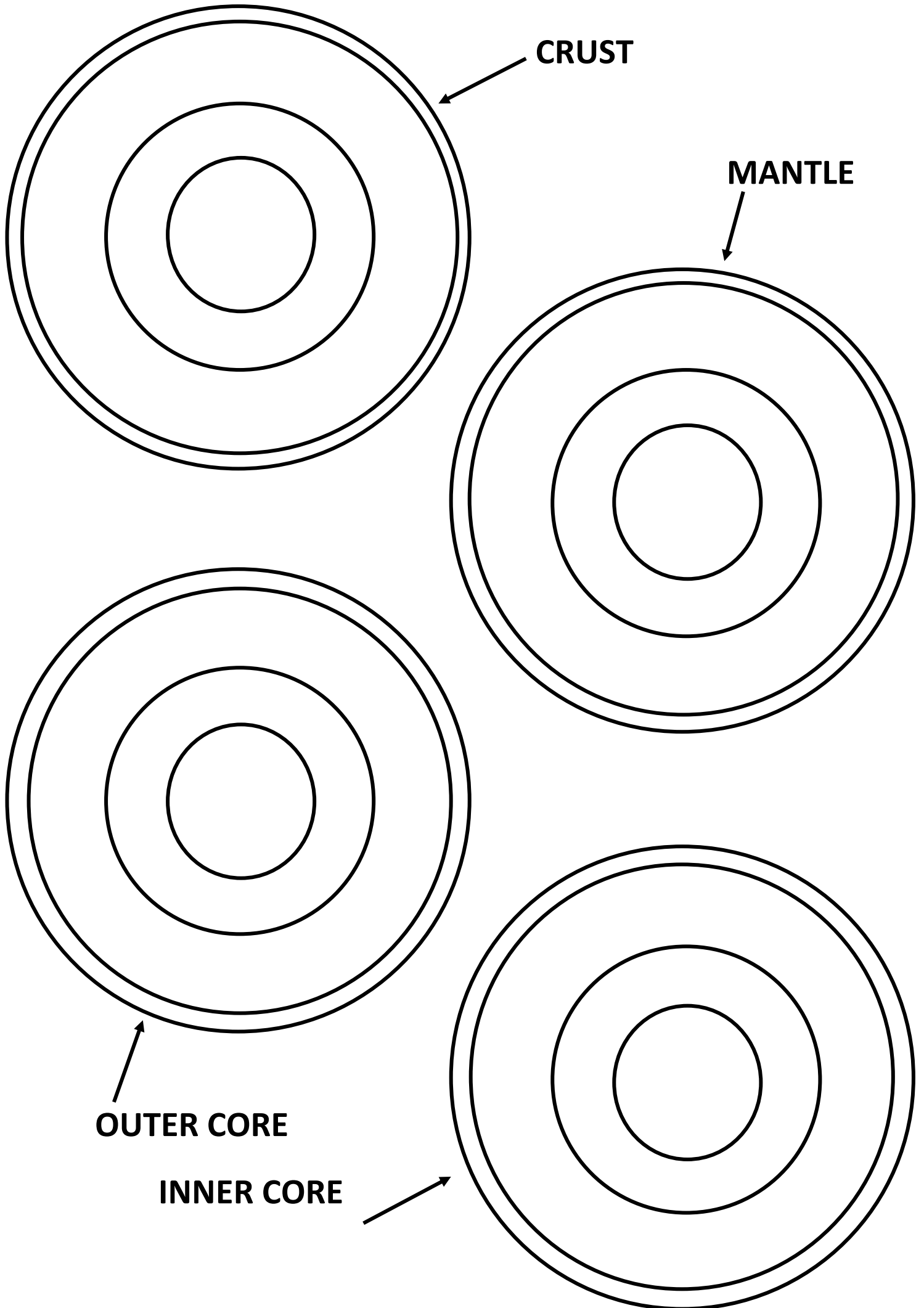
This layer is solid iron.

The section at the top of this layer is known as the Moho which is short for the Mohorovičić Discontinuity. Here the behaviour of seismic waves changes.

The lithosphere and the asthenosphere can be found here.

This layer is molten iron.





CRUST

MANTLE

OUTER CORE

INNER CORE