

GEOGRAPHY · GRADES 4–5

Layers of the Earth

From the surface to the core

The four layers

Layer	Depth	What it is	Temperature
Crust	0–70 km	Solid rock — what we live on	20°C surface; 200°C base
Mantle	70–2,890 km	Hot, thick, slowly-flowing rock	500–3,500°C
Outer core	2,890–5,150 km	Liquid iron and nickel	4,000–6,000°C
Inner core	5,150–6,371 km	Solid iron and nickel (held by pressure)	Up to 6,000°C — as hot as the Sun's surface

Label the diagram

Draw the Earth as a circle. Inside it, draw three concentric circles. Label each layer.



[Diagram]

Cut out the labels and stick them in place.

crust	mantle	outer core
inner core		

Quick check

1. Which layer do we live on?
2. Which layer is the THICKEST?
3. Which layer is liquid?
4. Why does the inner core stay solid even though it's hotter than the outer core?

