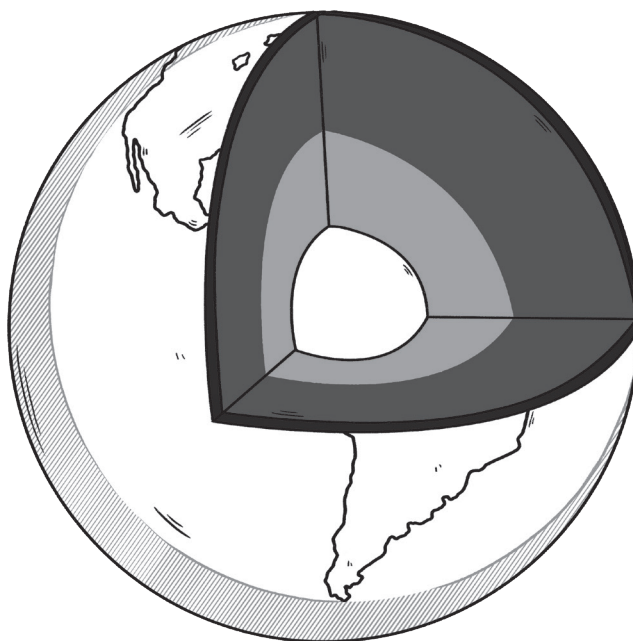


Structure of the Earth Match and Draw Answers



crust

A hot dense ball made up of (mostly) iron at the Earth's centre. 1200 kilometres or 758 miles thick. Temperatures can reach approximately 5200°C.

mantle

The outside layer of the Earth made up of solid rock broken up into large tectonic plates. There are two types of crust: continental and oceanic crust. They both have different properties.

outer core

The layer directly underneath the crust. The rocks are partially melted and move from deep within the core to the crust in large convection cells. This layer is thought to be 2900 kilometres (1802 miles) thick, making up 84% of the Earth's total volume.

inner core

A liquid layer of molten metal and rock 2260 kilometres (1400 miles) thick. The liquid outer core constantly moves around the inner core and is responsible for the Earth's magnetic field.