

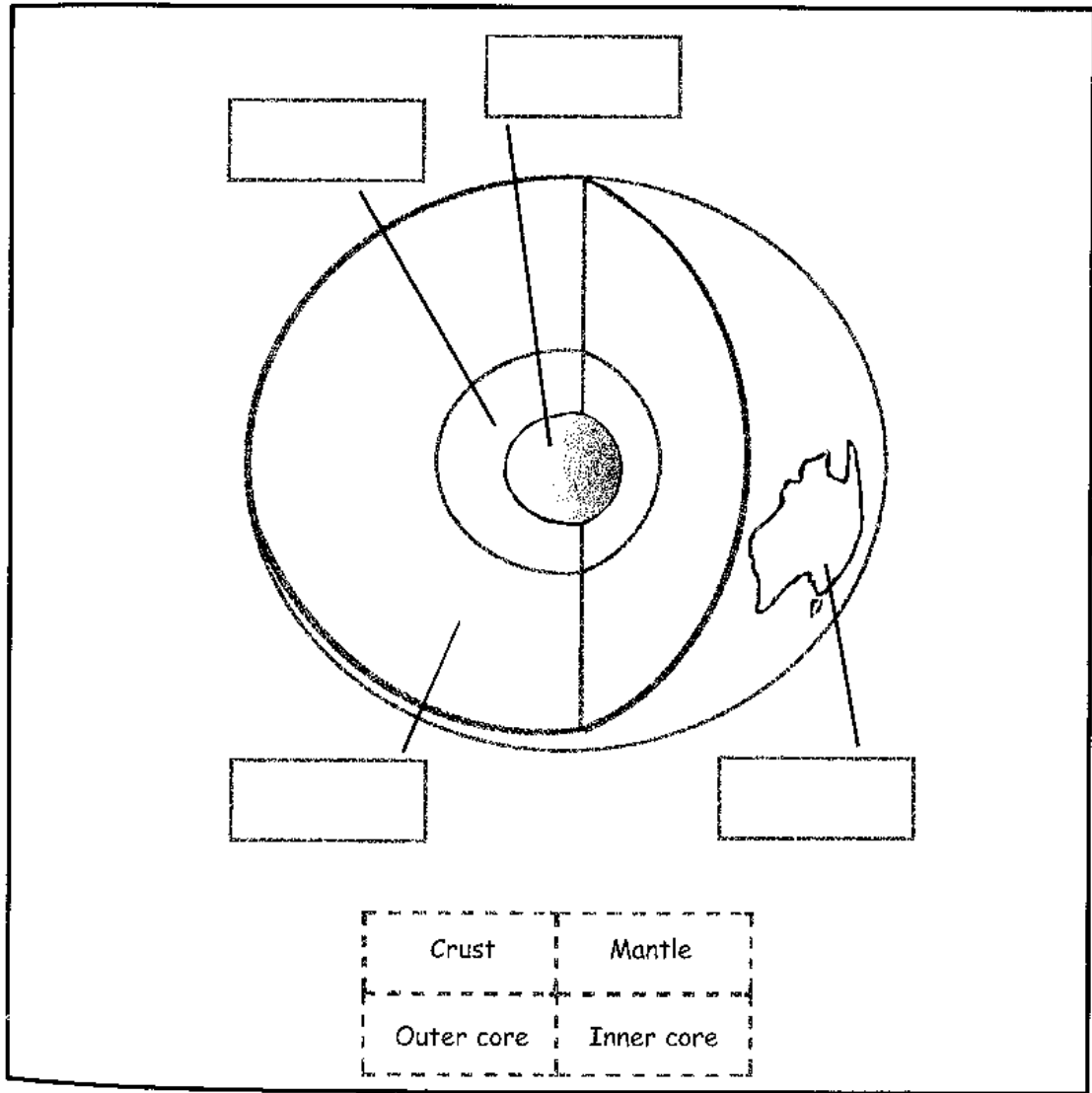


Layers of the Earth

Read the following information about the Earth. Label the diagram using the words in the box. Cut out and paste the completed diagram in your workbook.

The Earth has four main layers. These are; The **crust**, the **mantle**, the **outer core** and the **inner core**. The crust is the layer we live on and is made up of the lightest material. The mantle is made up of molten rock. The outer core is made up of very hot molten iron and nickel. The inner core is made up of solid iron and nickel. It is solid because of the extreme pressure at the centre of the Earth.

Inner Core	Outer Core	Mantle	Crust
2,400 km diameter	2,240 km thick	2,880km thick	3 - 120 km thick
4,400°C to 7,000°C	4,400°C - 6,100°C	870°C - 4,400°C	
solid iron and nickel	molten iron and nickel	semi-melted rock	solid rock



Adapted from "Science Rocks" Queensland Resources Council