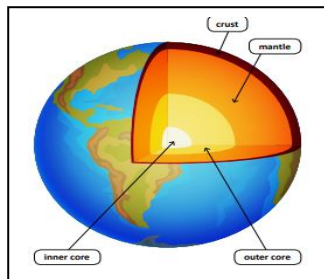


Subject Specific Vocabulary

Erode	Be gradually worn away.
Impermeable	Not allowing water is pass through. Also described as waterproof.
Lava	Hot, molten rock that comes out of a volcano.
Liquid	A material that is runny, can be poured easily and takes the shape of its container.
Magma	Hot molten rock found in the Earth's mantle.
Molten	Metal or rock that is in a liquid state because of great heat.
Organic matter	Dead and decaying plants and animals
Ring of Fire	Area around the Pacific Ocean where many earthquakes and volcanic eruptions occur.
Solid	A material that doesn't flow and can be held.
Tectonic plate	A large, slow-moving piece of rock that makes up the Earth's crust.
Vent	An opening in the Earth's crust through which lava escapes. volcanic eruption The sudden and violent explosion of lava, gas, ash and rock out of a volcano



Link From	Link To
<p>←</p> <p>COASTLINE (Y2) Physical features. Weather and the sea making changes to physical features of a coastline.</p>	<p>→</p> <p>MOUNTAINS AND RIVERS (Y4) Characteristics and features of rivers and mountain ranges around the world, including a detailed exploration of the ecosystems and processes that shape them and the land around them.</p>

Sticky Knowledge

Earth is made up of four layers. These are the crust, mantle, outer core and inner core.

There are three main types of rock in the Earth's crust. These are sedimentary, igneous and metamorphic.

Mary Anning (1799–1847) was an English fossil collector. She made many important fossil discoveries during her lifetime.

The appearance and properties of rocks affect how they are used. Chalk, Granite and marble are examples.

Soil is the material that covers the Earth's crust. It is made from a mixture of organic matter, air and rock particles from the underlying rock. Soil has many important functions.

The tectonic plates that make up the Earth's crust float on top of the mantle and are constantly moving.

Movement at the plate boundaries can cause volcanic eruptions, earthquakes and tsunamis.

Earthquakes are the sudden violent shaking of the ground.

Volcanoes are mountains or hills with vents at the top through which lava, gases and ash erupt. There are four different types of volcano.

A tsunami is a series of waves caused by a volcanic eruption or earthquake under the sea.

