

## What should I already know?

- There are seven continents and five oceans.
- I can describe physical features including coasts, mountains, seas, forests, seasons and weather.

## Key vocabulary

**Cumulonimbus cloud** – Large thunderstorm clouds.

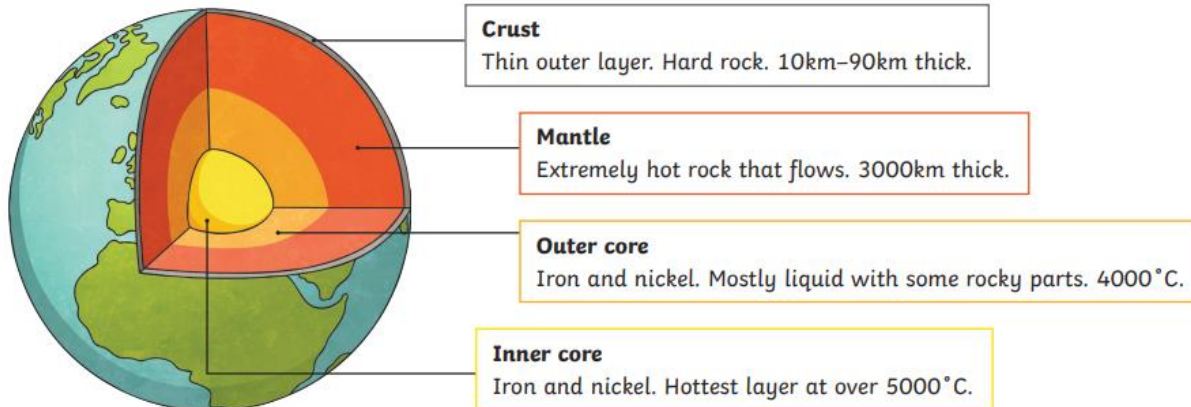
**Dormant** – Not active for the time being.

**Erupt** – To suddenly burst out causing lava to explode out of the earth's surface.

**Magma** – Extremely hot, liquid rock.

**Tectonic plates** – The earth's crust is made up of large areas called tectonic plates that join together.

## Layers of the Earth



## Volcanoes



Volcanoes are made when pressure builds up inside the earth, causing magma to erupt.



Volcanoes can be described as active, dormant or extinct based on when it last erupted.

## Tsunamis



A tsunami is a giant wave caused by a huge earthquake under the ocean.



As the waves travel through shallow water near land, they get bigger.

## Tornadoes



A tornado is a swirling funnel of air that forms when warm air rises from near the ground into big cumulonimbus clouds.



During tornadoes, there can be thunder and lightning at the same time.

## Earthquakes



Earthquakes are caused when the earth's tectonic plates suddenly move.



Most earthquakes occur near the tectonic plate boundaries.