



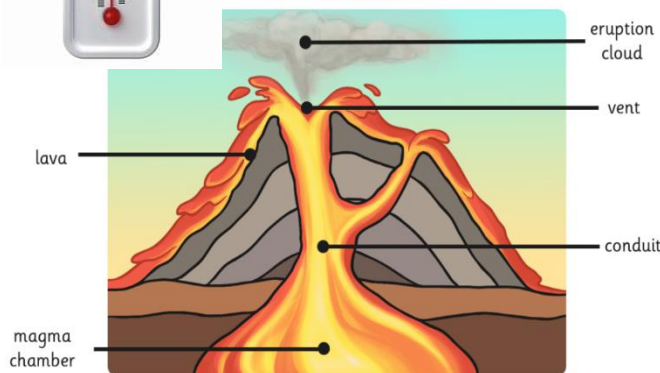
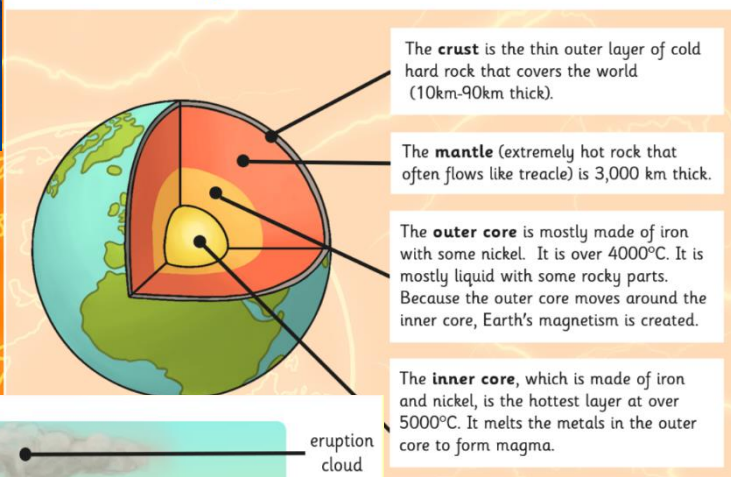
Year 3-Geography -Term 2: Volcanoes and Climate zones

What should I already know?

- the world's seven continents and five oceans
- that a volcano may have helped to make dinosaurs extinct
- some seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles

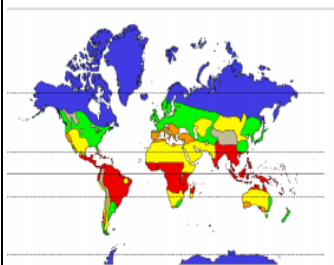


Layers of the Earth



Skills I will develop:

- to know how volcanoes are formed
- Locate areas of similar environmental regions, i.e. desert, rainforest/temperate regions
- Describe and understand key aspects of physical geography
- To know some countries of the world
- To use an atlas, globe and aerial photographs to describe a place and its features
- To draw accurate diagrams
- To find similarities and differences between places.
- Identify the world's weather and climate zones



Mediterranean
Temperate
Tropical
Arid
Polar



Curriculum Key Question: **Where have we come from?**

Topic: **What is light?**

Key Vocabulary (including definition)

Volcano – an opening in the Earth's crust through which lava, ash and gases escape.

Lava – hot , molten rock flowing from a volcano

Magma – a molten substance under the Earth's crust.

Crust – outer layer of the Earth

Mantle - hot rock under the crust of the earth

Core- the centre of the Earth, made up of 2 layers- the solid inner core and the liquid outer core.

Eruption – when a volcano spews out lava, gas and ash.

climate – weather patterns over a longer period of time

Climate zones	Geographical zones loosely divided according to their climate. Earth has three main climate zones - tropical, temperate, and polar.
Tropical	Found on or close to the Equator are typically tropical: they're warm and wet. The Amazon Rainforest has a tropical climate.
Temperate	Temperatures can change greatly here, between summer and winter. So, most places with a temperate climate have four seasons: summer, autumn, winter and spring
Polar	Usually has a temperature below freezing, is icy and covered in snow. These areas do not get direct heat and sunlight from the sun. The North Pole has a polar climate.