



Be the best that we can be.



EBJ Knowledge Organiser Geography Year 3

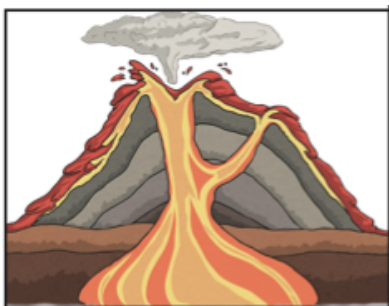
Summer Volcanoes



Volcanoes

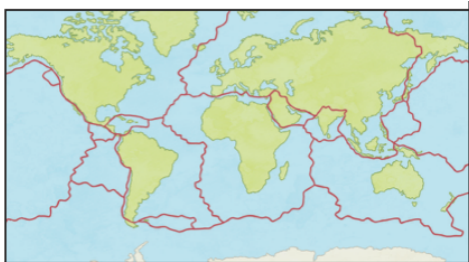
Volcanoes are made when pressure builds up inside the Earth. This affects the Earth's crust causing magma to sometimes erupt through it.

- Active volcanoes have erupted in the last 10,000 years.
- Dormant volcanoes haven't erupted in the last 10,000 years but may erupt again.
- Extinct volcanoes aren't expected to erupt again.



Earthquakes

Earthquakes are caused when the Earth's tectonic plates suddenly move. Most earthquakes occur near the tectonic plate boundaries. Earthquakes can cause lots of damage to roads, buildings and property.



Crust

Think outer layer, Hard rock. 10km -90km thick.

Mantle

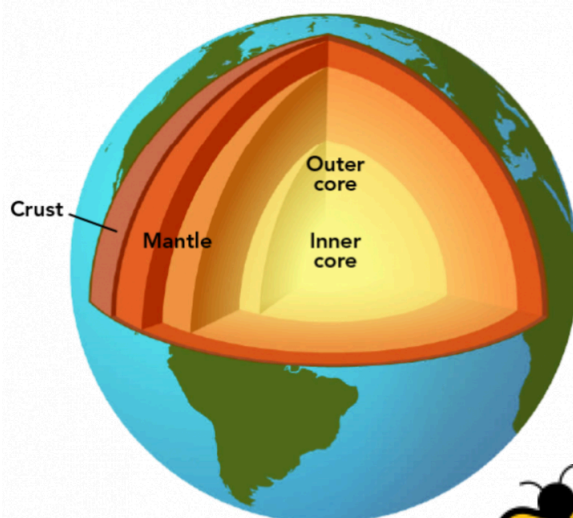
Extremely hot rock that flows. 3000km thick.

Outercore

Iron and nickel. Mostly liquid with some rocky parts. 4000°C.

Innercore

Iron and nickel. Hottest layer over 5000°C.



Read all about it! Can you find these books in your local library?

Key Vocabulary

Did you know?



active volcano, climate change, composite volcano, crust, dormant volcano, earthquake, epicentre, extinct volcano, fault line, fertile soil, geothermal energy, igneous rock, inner core, outer core, magma, minerals, sedimentary rock, seismic waves, tectonic plate, tsunami, vent, volcanic springs

Volcanic eruptions may be very destructive, but they also create new landforms. There are more than 1,500 active volcanoes in the world today.