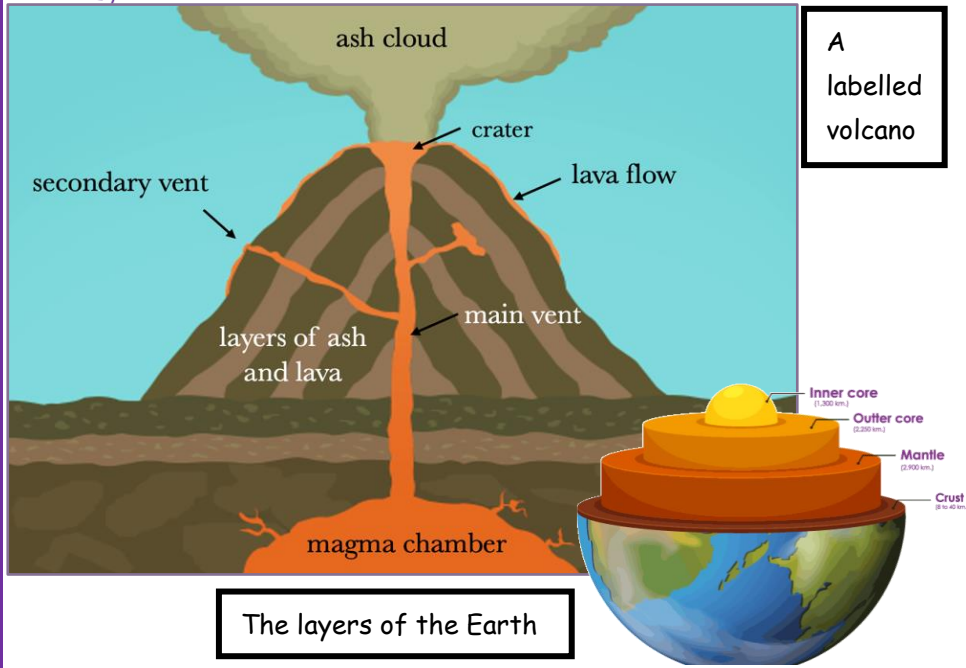


Year 3 - Geography

Together we flourish and grow.

Volcanoes

How do volcanoes affect a place?



I need to know -

- The layers of the earth are crust, mantle, outer core, inner core.
- The parts of a volcano are magma chamber, vent, crater, secondary vent, ash cloud, layers of ash and lava.
- The oceanic crust carries the ocean.
- The continental crust carries the land.
- When hot liquid rock bursts through the crust, it makes a volcano. When melted rock shoots upwards and out into the air, the volcano is erupting.
- When this molten rock is under the ground, we call it magma. When it is above ground, we call it lava.
- The most common shapes are composite volcanoes and shield volcanoes. The third is called a supervolcano.
- Volcanoes can be active, dormant or extinct.
- Volcanic eruptions cause lots of problems (clog car engines, ruin crops, disrupt air traffic)
- Volcanoes have useful effects which help people (fertile land, tourism, jobs)

Key Vocabulary

viscous	thick and sticky	supervolcano	supervolcanoes are enormous and highly explosive.
pressure	the force applied to a surface	dormant volcano	volcanoes that are inactive- at the moment but might erupt again
composite volcano	composite volcanoes are steep-sided. they are made up of layers of ash and cooled, viscous lava	extinct volcano	volcanoes that are unlikely ever to erupt again
shield volcano	shield volcanoes have gently sloping sides and have runny lava.	active volcano	volcanoes that have erupted recently