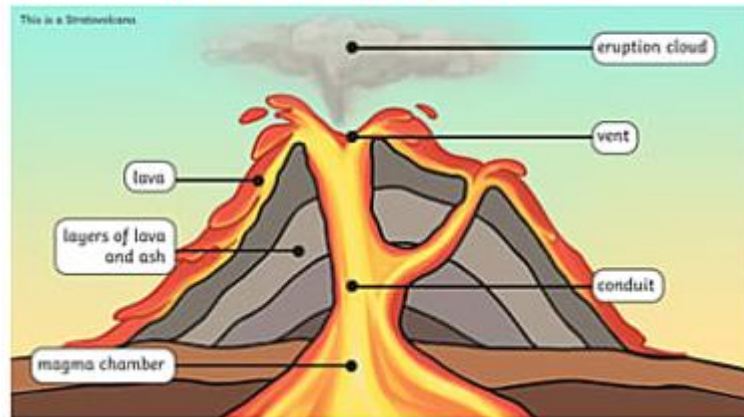


Key knowledge and pictures to aid learning

- The Earth's continent formed over millions of years to create a giant, single continent called Pangaea. About 200 million years ago, tectonic movement started breaking Pangaea to create the 7 continents of today.
- The UK has little tectonic activity because the country sits on the middle of the Eurasian tectonic plate. The country has no volcanoes and only experiences small earthquakes occasionally.
- Volcanoes erupt when magma rises to the surface due to movement of the Earth's tectonic plates. When the pressure builds up, the magma rises and explodes in an 'eruption'.
- Mount Vesuvius is the only active volcano in mainland Europe. Its most famous eruption was in AD 79 when it buried the ancient city of Pompeii in Italy.

A Cross-Section of a Volcano



Specific vocabulary with definitions

Word(s)	Definition
settlement	A place where people establish a community
locality	A place, area or region
human feature	A man-made landmark or building
physical feature	Natural features on the surface of the earth
equator	Imaginary line around the Earth halfway between the north and south poles
hemisphere	Half of the Earth, divided into northern and southern halves
tectonic plates	Large, moving plates of rock that divide up the Earth's crust
volcano	An opening in the earth's crust where magma, ash and gases erupt
magma	Hot liquid that cools to form rock. Called lava when it reaches the Earth's surface