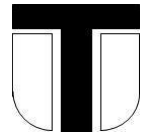




Theale Primary School



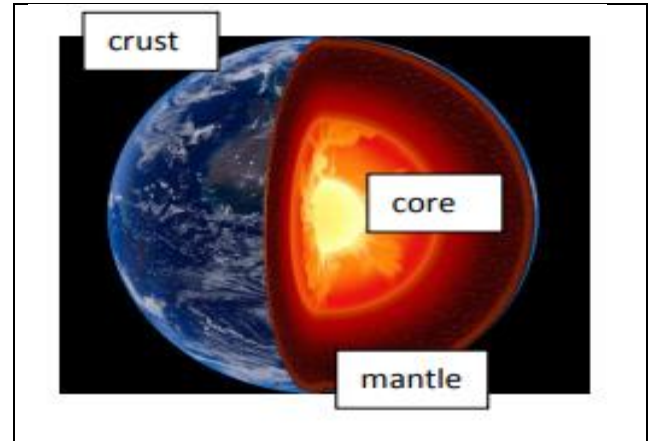
Geography: Autumn – Cycle A

Year: Year 4/5

Topic: Volcanoes

Key Vocabulary

Volcano	A mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapour, and gas are or have been erupted from the earth's crust.
Eruption	Explosion, volcanic eruption.
Lava	Hot molten or semi-fluid rock erupted from a volcano.
Ash	The powdery residue left after the burning of a substance.
Magma	Hot fluid or semi-fluid material below or within the earth's crust from which lava and other igneous rock is formed on cooling.
Active volcano	A volcano that has had at least one eruption during the past 10,000 years.
Earthquake	A sudden violent shaking of the ground, typically causing great destruction.
The Richter scale	A measure of the strength of the waves or tremors of an earthquake.
Tectonic plates	The earth is divided into a small number of plates which float on and travel independently over the mantle



Key knowledge

About 1,900 volcanoes on Earth are considered active, meaning they show some level of activity and are likely to explode again. Volcanoes are studied by volcanologists. There are only two places where volcanoes can be found: On the edges of the Earth's plates and over a hot spot beneath the Earth's crust. Important volcanoes from history: Mount Vesuvius, Mount Fuji and Krakatoa.

Cross section of a volcano

