



Geography Topic: Volcanoes

Year: 5 **Term:** Spring 1

Key Knowledge/Content:

- **Map Skills-** Children focus on observing and recording the changes of human features over time, for example trade patterns.
- **Place knowledge-** Children will understand geographical similarities and differences.
- **Physical and Human Geography-** Children will deepen their understanding of the interaction between physical and human processes, and of the formation and use of landscapes and environments.

Links to:

Prior learning:

Learn about the life cycle of rocks and how volcano eruptions have created igneous rock in Science and previous Geography lessons.

Future learning:

To identify the world largest volcanoes and will be able to locate them using a world map.

Key vocabulary with definition:

Prior vocabulary:

- **Magma-** Hot fluid or semi-fluid material below or within the Earth's crust from which lava and other igneous rock are formed on cooling.
- **Earthquake-** A sudden violent shaking of the ground, typically causing great destruction, because of movements within the Earth's crust or volcanic action.
- **Volcano-** A mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapour, and gas are erupting or have been erupted from the Earth's crust.

New vocabulary:

- **Earth plates-** The surface of the Earth is broken up into large plates.
- **Crater-** A large bowl-shaped cavity in the ground or on a celestial object, typically one caused by an explosion or the impact of a meteorite.
- **Tsunami-** A long, high sea wave caused by an earthquake or other disturbance.

By the end of this unit

All children can: **recognise** the Earth's structure and **describe** where magma comes from in relation to the Earth's structure.

Most children can: **demonstrate** what happens during a volcanic eruption and **explain** the features of a volcano.

Some children can: **demonstrate** and **explain** what happens at the boundaries between the Earth's plates.

Background understanding for teachers and parents:

This unit will enhance children's understanding of the rock cycle and they will clearly be able to understand why a volcano may erupt or has erupted. Children will look at case studies from around the world and discuss the advantages and disadvantages of living near a volcano.

Curriculum Driver:

Knowledge of the world.

Evidence outcome:

Our Geography curriculum is limitless in where it can take our pupils.