

## GEOGRAPHY:

# VIOLENT VOLCANOES

### PHYSICAL GEOGRAPHY

Children learn about volcano formation and the different types of volcano (strato, dome lava and cinder cone), making mini- clay models. Children learn about the layers of the earth: crust, mantle, inner and outer core and what causes a volcano erupt.

Understanding the movement of tectonic plates and how it has created the continents we now know.

Prior learning:

Yr 5- Learning about the continent of Africa in studying Ancient Egypt.

Y 4- Studying all of the continents in 'Adventurers and Explorers'.

### HUMAN GEOGRAPHY

Children use world map to identify tectonic plates/plate lines and label this map showing significant volcanoes.

Prior learning:

Yr 5- Children study South America and look at how much of it Brazil takes up and the size of the Amazonian Rainforest. They also look at Biomes and their locations.

## HISTORY:

Case study of Pompeii.

Children can explain why we have different accounts of historical events - use of primary source. Children discuss and compare different accounts, including those of Pliny, of the eruption of Mount Vesuvius.

Prior learning:

Yr 5:- Children can explain why we have different accounts of historical events. Children learn about the discovery of Tutankhamun's tomb by Howard Carter. They understand that we learnt about the period from this discovery and they compare accounts of the discovery itself. They discuss and explore reasons for the differences in accounts, especially the one written some time after the event itself.

Children look at an image of the Bayeux Tapestry and consider what they know about the Battle of Hastings from this. They look for similarities in weapons and clothing and infer information about the Normans from this. They visit Mountfitchet as part of their learning about the Normans.

Tectonic plates	Moving slabs of rock found underneath the Earth's surface.
Pyroclastic flow	A surge of molten rock and ash from a volcano.
Magma	Liquid rock found in chambers inside a volcano.
Lava	Magma which has erupted from the volcano.
Hotspot	The term given to a volcano that is not located on a tectonic plate boundary.
Vent	The passage leading from the magma chamber to the opening of a volcano.