#### Retrieval Unit Vocabulary

crust, igneous, metamorphic, molten, sedimentary, tectonic plate, volcano, fertile (Prior knowledge from Year 3 Science Rocks)



#### New Unit Vocabulary

Active - a volcano that is either erupting or likely to erupt in the future Ash - a mixture of rock, mineral, and glass

particles expelled from a volcano during a volcanic eruption

**Crater** - an approximately circular depression in the ground caused by volcanic activity **Dormant** - a volcano that has erupted but is unlikely to erupt in the near future **Earthquake** - a sudden violent shaking of the around

**Eruption** - the moment a volcano erupts **Fault** - a fracture in the rigid crust of the earth

Flank - a flank eruption is a volcanic eruption which occurs on the flanks of a volcano, instead of at its summit Lava - molten (melted) rock when it flows out

of a volcano **Magma** - an extremely hot liquid and semi liquid rock located under Earth's surface

# <u>Year 4 Spring Unit: Tectonic Plates, Volcanoes</u> <u>and Earthquakes</u>



# <u>Enquiry Question:</u> What impact do volcanoes have on the people who live near them?

## **Geographical Concepts:** physical geography, resources, settlements

# Primary Focus – Human and Physical Geography

In this unit, Year 4 will learn how to

 understand physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes.

### Secondary Focus - Locational Knowledge

In this unit, Year 4 will learn how to

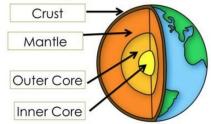
- locate the world's countries (Year 3 Prior Knowledge), concentrating on their environmental regions, key physical and human characteristics, countries, and major cities;
- identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern

Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/ Greenwich Meridian and time zones (including day and night).



A map showing the tectonic plates of the world.

#### Layers of the Earth





Nyamuragira is Africa's and one of the world's most active volcanoes.

Camelot Primary School Geography Knowledge Organiser 2022–2023 Spring Unit