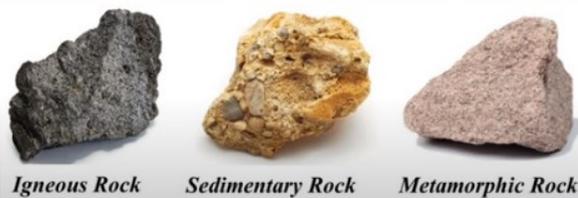


Retrieval Unit Vocabulary

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 ground

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

Year 4 Spring Unit: Tectonic Plates, Volcanoes and Earthquakes



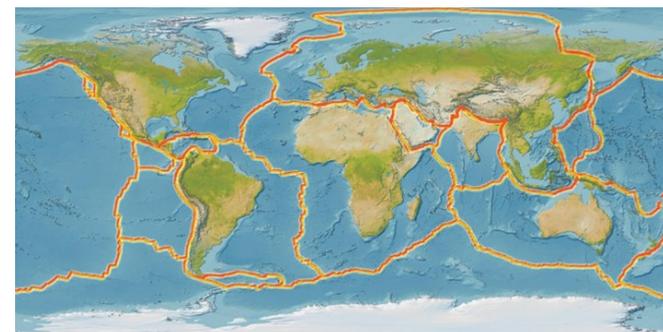
Enquiry Question: What impact do volcanoes have on the people who live near them?

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.



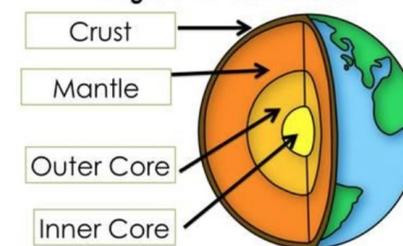
A map showing the tectonic plates of the world.

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).

Layers of the Earth



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