

Our Geography curriculum aims to encourage pupils to be curious about the world around them. It develops key geographical skills and provides pupils with the knowledge and understanding they need to be successful geographers.

Our intention is to broaden their horizons through enquiry-based learning.

Inspiring and enabling our school community to live life to the full



GEOGRAPHY YEAR 4

Global: Volcanoes and Earthquakes

Characteristics of an Effective Learner

Courage
Commitment
Collaboration
Creativity
Curiosity

Prior Learning:

- Children will be aware of physical features such as mountains and rivers
- Children will know about solids, liquids and gases (year 4 science)
- Children will know the 7 continents and 5 oceans (Years, 1,2,3 and 4)

Key Vocabulary taught in this unit:

Volcano, earthquake, ash cloud, main vent, crater, lava, conduit, lava flow, layers, solidified, magma reservoir, dormant, active, extinct, shield, composite, cinder cone, Mercalli scale, richter scale.

Intent: What do we want the children to know, be able to do by the time they complete this unit)?

Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. Locating countries that have volcanoes (extinct, dormant or active). Locating countries that have had major earthquakes. Locating countries that are part of the 'Ring of fire'.

Describe and understand key aspects of:

physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, **volcanoes and earthquakes, and the water cycle.**

Locate major volcanoes and earthquakes on a globe and in an atlas. Identify and describe different types of volcanoes. Explain what causes volcanoes and earthquakes through a non-chronological report.

human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Children discover the effects that volcanoes and earthquakes can have on land use, economic activity and the distribution of natural resources.

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. Use maps, globes and atlases to locate significant volcanoes and countries within the ring of fire on maps and atlases.

Impact / Outcome:

What will the final product / result be?

Children will produce a non-chronological report containing the information they have gained from the unit. They will explain what they know to others using the correct geographical vocabulary.

P4C Inquiry (where appropriate) n/a