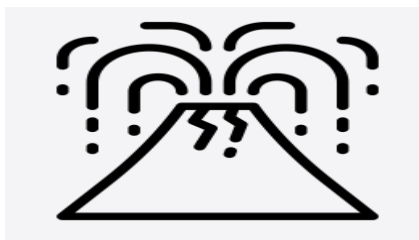


Curriculum Overview

This half term we will be exploring volcanoes and earthquakes. We will be exploring the structure of the Earth and what happens at the boundaries between the Earth's plates. We will be looking at the key features of a volcano and using maps to locate them and famous earthquakes in the world. We will explore what it is like to live near a volcano or earthquake and the effects of an eruption on humans including the advantages and disadvantages of living near a volcano.

Year 4 Summer 1: Volcanoes & Earthquakes



Main Enquiry questions

- What lies beneath the surface of the Earth?
- What happens when the Earth's plates meet?
- What goes on inside a volcano?
- What can we learn from some famous earthquakes?
- What can I find out about real volcanoes?
- How do earthquakes affect people and places?
- What help do people need before and after an earthquake?
- What could you do if an earthquake happened?
- What happens when a volcano erupts?
- What would it be like to live near a volcano?

Key Concepts

The following are the key concepts for this unit:

Place, Environment, Location, Scale, Distribution, Interdependence, Processes, Change, Interaction and Diversity

English Texts

This term in English we will be studying the following texts:

The Midnight Panther by Poonam Mistry
Escape from Pompeii by Christiana Balit

Maths Learning

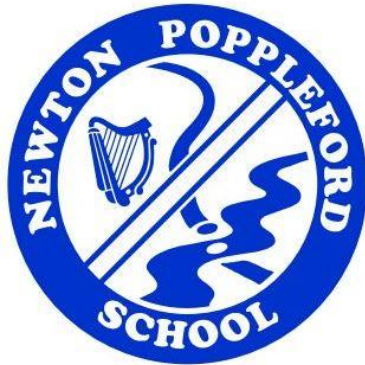
This term in Maths we will be studying:

White Rose Maths: Decimals A & Decimals B

Historical Links	Science	Art	PE	Music	RE	Computing	French	PSHE
Romans & Greeks	States of Matter: Solids, Liquids and Gases	Sculpture, Structure, Inventiveness and Determination	Football	Charanga: Blackbird	What does it mean to be a Hindu in Britain today?	Photo Editing	My Family	Safety and the Changing Body











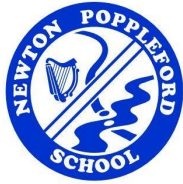
Our curriculum elements for this half term:



Trips, activities and/or visits
this term:

Hindu workshop with
Muhunthiny Sivasothy

Learning hook		Pompeii Volcano video
Fieldwork		Exploring ways to make our grounds more friendly - Adventure Island focus.
Written outcome		What would it be like to live near a volcano?
Creative outcome		Make your own volcano.
Adventure (activities in Adventure Island)		Forest School activities.
Play Project		About our natural Earth, with a KS1 class.
Celebration		Model volcano exhibition.
Retrieval practice		Kahoot quiz about earthquakes and volcanoes..



Learning & growing together,
taking every opportunity.

RESPECT - ADVENTURE - ACHIEVE

Curriculum Overview: Year 4, Summer 1 Volcanoes & Earthquakes

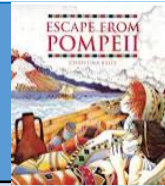


Spellings for Summer 1

Week 1	Week 2	Week 3	Week 4	Week 5
ascent	therefore	collision	babies'	aren't
crescent	though	confusion	boys'	can't
descent	thought	decision	children's	couldn't
discipline	through	division	dogs'	didn't
fascinate	various	erosion	girls'	don't
scene	weight	fusion	men's	hadn't
scent	woman	invasion	parents'	hasn't
science	women	passion	people's	haven't
scissors		pension	rabbits'	he's
		television	women's	they've
				you've

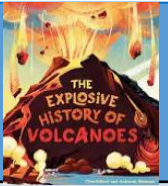
Suggested texts to read at home with your children

Escape from Pompeii – Christiana Balit



Join Tranio, the son of an actor, and his friend Livia, the baker's daughter, in witnessing the eruption of Mount Vesuvius in AD79. Tranio, like most Roman boys, likes to watch whatever is going on: tradesmen selling their goods, ships unloading their exotic cargoes, politicians making speeches in the forum. But one hot August day a very different scene unfolds. The ground begins to shake, the sky to darken. People run gasping for air. Heading for the harbour, Tranio and his friend Livia hide on a boat and witness one of the most terrifying moments in recorded history-the eruption of Mount Vesuvius and the destruction of their beloved city, Pompeii.

The Explosive History Of Volcanoes— Clive Gifford



Spewing out fountains of red-hot lava and toxic plumes of smoke, volcanoes are dangerous and deadly. But every volcano is different - in shape and size, location and destructiveness.

The Explosive History of Volcanoes explains the Volcanic Explosivity Index giving examples of more than 25 of the most, and least, explosive volcanoes in history and in the world today.

Find out about these amazing natural phenomena and see how they're formed, where they are in the world and why some explode so violently. Discover why people live so close to volcanoes and how scientists are helping to predict when the next eruptions might occur.