Theme: Extreme Earth

Date: Spring 2025

Geography
Children will be investigating how our planet is mapped including the tropics, the equator, longitude, latitude and time zones. They will also learn about the layers of the Earth.
We will be looking in depth at mountains, including Mount Everest and volcanoes.
We will also look at earthquakes and the effects of the climate crisis on our planet.

Maths
Using data to look at time zones, the heights of different mountains and mountain ranges and volcanoes.
They will also use their understanding of mean in averages to compare volcano outputs and the frequency of their explosions.

DT
Textiles: Designing and making a stuffed toy.
Structures – exploring and applying different structures to meet design criteria.

Religious education
Hinduism: How can Brahman be everywhere and in everything?
Christianity: How significant is it for Christians to believe God intended Jesus to die?

English
An exploration of environmental issues through fiction
Narrative work, concentrating on the use of dialogue in adventure stories, based on our class text 'The 21 Balloons' by William Pene du Bois.
Poetry based on the picture book 'Pele and the rivers of fire' which is based on the Hawaiian myth about the goddess of volcanoes.
Explanations – children will invent their own machine and explain how it works after looking at the many wonderful inventions in 'The 21 Balloons'.

Recommended Reads:
Fiction:
'Floodland' by Marcus Sedgewick.
'When the mountains roared' by Jess Butterworth.
Non – fiction:
Everything: Volcanoes and Earthquakes (National Geographic Kids)

PSHE/Jigsaw
Dreams and goals.
Healthy me.

PE
Tuesday afternoons - Handball
Thursday afternoons – Gymnastics

Maths–
Number and place value
All four operations – formal calculations.
Measures.
Algebra and problem solving.
Open ended investigations.
Fractions, decimals, percentages.
Ratio.
Geometry.
Statistics.

Science
Properties of materials
Building on work from Year 4, children will explore mixtures, solutions, separating materials and the properties of solids, liquids and gases.

Investigative Science:
We will be planning and conducting our own experiments: designing fair tests, making predictions, observing and measuring, using tables/ graphs to present results, reaching conclusions.

Computing
Variables in programming – using and modifying them to create own project.

MFL
French:
Family; likes and dislikes

Music
At the movies: understanding effect of music in movies; evaluate and refine compositions.