

### Year 3 Spring 2 - Topic Overview

In this topic, we delve into volcanoes and earthquakes, examining Earth's four layers and the processes behind volcanic eruptions. Students will learn key terms such as active, dormant, and extinct, understand conservative plate boundaries, and explore how a seismometer works.

**Big Bang!** - Students will embark on a hands-on journey to design and construct small-scale volcano models, with a creative twist: making them as earthquake-resistant as possible. After crafting their structures, each model will face the ultimate test on a 'shake table' to simulate the tremors of an earthquake. The adventure doesn't stop there; students will also activate their volcanoes, showcasing a spectacular eruption. This project not only ignites the imagination but also deepens their understanding of geological phenomena and engineering resilience.

### Educational visit:

Local pet shop

### Our Learning Overview



#### English

This term, students will delve into Haggie O'Farrell's text, 'The Boy Who Lost His Spark.' They will craft creative writings about mythical beings, and compose diary entries and reflections from the viewpoint of Jem. Furthermore, they will develop and produce an informative piece on Nouka.

#### Maths

Children will explore and calculate the perimeter of 2D shapes, compare and order fractions using number lines and scales, identify equivalent fractions, and investigate mass, capacity, and volume.

#### Science

Students will explore the diversity of living things and their habitats, learning about species classification, ecosystem interactions, and the significance of conservation. Through hands-on activities and observations, they'll understand biodiversity and the interconnectedness of life and environments.

#### Geography

Pupils will delve into the study of earthquakes and volcanoes, acquiring geographical insights into the processes behind these natural phenomena.

#### DT

This term, the children will learn new skills to create a storyboard detailing the eruption of a volcano and they will make the product of their design.

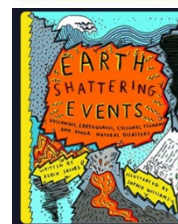
#### PD / RE

Students will analyse what we can learn from religions about deciding what is right and wrong and why do some people think that life is a journey?  
In PD pupils discuss the British values and how they link to our daily lives and dilemmas.

#### PE

Children will have the opportunity to explore Orienteering and Rugby Tag, they will engage in fast-paced team sports and outdoor adventures. They will dive into the excitement of navigating new challenges and mastering strategic play with us!

### Key Texts



### Our Values

Teamwork

Respect

Honesty

Pride

Disaster!

