



### Art

- Creating volcano landscape artwork in the style of chosen studied artist
- Creating an original piece of collage volcano landscape art (Jackson Pollock inspired).

### Computing

- Spreadsheets – creating and using formulas
- Game creating – design a playable game



### Science

- Forces – gravity, air and water resistance and friction
- Properties of materials – magnetism, thermal and electrical conductors and insulators
- Sorting and classifying materials



### PE

- Spring 1 –Hockey/basketball
- Spring 2 – Communication&tactics/badminton

## YEAR 5 - Spring 2026

### “Groundshakers”

Sparkly Start: Climbing a mountain challenge – children to work in teams to climb equivalent steps of various mountains/ create mountain artwork

### Mathematics

- Multiplication and Division – written methods (long multiplication and short division)
- Fractions – equivalence, improper fractions and mixed numbers, comparing and ordering fractions, adding, subtracting and multiplying fractions
- Decimals and percentages
- Area and Perimeter of rectangles and rectilinear shapes

### Geography and History

- Name and locate mountain ranges
- Use compass points and four/six-figure grid references
- Ordnance maps and symbols
- Name types of mountains and how they are formed
- Name and locate volcanoes
- Longitude and latitude
- Name types of volcanoes and how they are formed
- Pompeii
- Earthquakes – formation and how they are measured
- Significant earthquakes in history

### DT

- Electrical systems
- Creating a warning light for natural disasters

### PSHE

- Dreams and goals – goal-setting, aspirations for yourself and the world and working together
- Healthy me – drug and alcohol education, self-esteem and healthy lifestyle choices

### English

Texts: Nevermoor: The Trials of Morrigan Crow/King of the Cloud Forests by Michael Morpurgo/ Jungle Book

- Formal letters
- Diary entry (Morrigan Crow)
- Balanced Argument – Should people climb Mount Everest?
- Newspaper Article
- Adventure narrative
- Instructions

### RE

- What does it mean to be a Muslim in Britain today? (The five pillars of Islam and the design of mosques)
- Salvation (The Easter story and how the sacrifice of Jesus saved humanity)

## Key Questions

- How are mountains formed?
- Where are mountain ranges located?
- What type of mountains are there?
- Why do people climb mountains?
- How are slopes represented on maps?
- What do contour lines show?
- How do you read ordnance maps?
- How do we use four and six-figure grid references?
- What is the tallest mountain in the World?
- What are tectonic plates?
- How are volcanoes formed?
- What types of volcanoes are there?
- Where are volcanoes located?
- How can we use lines of longitude and latitude to locate volcanoes?
- What are the dangers and benefits of living by a volcano?
- What happened in Pompeii?
- What are earthquakes?
- How are earthquakes made?
- How are earthquakes measured?
- Where have earthquakes happened?



## YEAR 5 – Spring 2025

### “Ground Shakers”

Fantastic Finale: Making papier mache volcanoes

#### National Curriculum Link

KS2 Geography:

- describe and understand key aspects of physical geography, including: mountains, volcanoes and earthquakes
- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the wider world



## Key Vocabulary

mountain range  
tectonic plates  
summit  
peak  
base  
avalanche  
contour  
crevice  
decline  
incline  
plateau  
ridge  
lava  
magma  
crater  
vent  
ash cloud  
conduit  
mantle  
crust  
seismic waves