

Geography – Mountains, volcanoes and earthquakes

Exploring the structure of the earth and learning how mountains are formed.

Researching a specific mountain.

Identifying mountains within the UK and using an OS map to locate them.

Investigating why earthquakes happen.

Exploring the human consequences of earthquakes.

Understanding the construction of volcanoes.

Exploring the impact of a famous volcano.

Researching an active or dormant volcano.

SHOWCASE: Exploding volcanoes!

Science – Rocks, fossils and evolution

There are different types of rock that can be compared on the basis of their physical appearance and simple physical properties

When rocks are broken up into tiny pieces, they combine with organic matter to make soils. Fossils can be made when things that have lived get trapped within rock. These show the development of species.

Human activity significantly affects the environment.

Reversible and irreversible changes

When two or more substances are mixed and are remain present the mixture can be separated.

Some changes can be reversed and some can't.

Materials change state by heating and cooling.

Sometimes mixed substances react to make a new substance. These changes are irreversible

Heating can sometimes cause materials to change permanently. When this happens, a **new** substance is made. These changes are not reversible.

# Red Kites Class - Spring term

## Extreme Earth – Overview



English – writing

**Grammar/punctuation** – use a wide range of techniques to create exciting and effective setting and character descriptions, using word choices to change and enhance meaning and punctuating with accuracy and flair.

Explore the correct use of a range of tenses through a range of writing.

**Fiction writing** –

Write a Yeti adventure story based on The Abominables, exploring descriptive scene setting and character description.

Write a dramatic mountain/earthquake disaster story.

**Non-fiction writing-** Research and write a biography of Edmund Hillary or Tenzig Norgay. Diary entry of one of these men, based on fact.

Create an information leaflet about how to survive an earthquake. Volcano poetry.

Fake news – newspaper report based on a dramatic discovery!

Speaking and listening/drama will be integrated throughout, with particular emphasis on hot-seating, talk for writing and P4C discussion.

English – reading

Share the story of The Abominables, exploring the impact of vocabulary and structure.

Explore non-fiction texts linked to mountains, volcanoes and earthquakes.

Retrieve information from a wide range of texts, to demonstrate comprehension and inference skills.

English – spelling

Increase knowledge and accuracy of homophones, prefixes, suffixes, exception words etc. as per N Curriculum.

Maths

As per strategy – focus on fractions, decimals and percentages. Also algebra, ratio and statistics.

Mental maths skills – times tables and mental fluency.

Art

Painting techniques and colour mixing

Exploration of printing techniques linked to Housaka's Great Wave print.

Tornado inspired artwork.

Music

Cyclic patterns/ostinato

Roots of pop music

DT

Construction of a volcano.

Computing

IT will be used for research and to support the curriculum.

Video editing

Selection using physical devices

RE

What would Jesus do? What do Christians believe Jesus did to save human beings

PE

Large ball skills

Gymnastics

PSHE

Valuing diversity, evaluating media sources

Money and work