

Geography

In Geography this term we will answer the question: How are mountains formed and what causes earthquakes, tsunamis or volcanoes?

We will ask and answer the following questions to help us to find out:

- What lays beneath our feet? (tectonic plates etc)
- Which are the most well-known mountains in the UK and the rest of the world?
- How can a relief map be transformed into a model of a mountain?
- What causes an earthquake?
- What causes a volcano?

Science

We will use a range of scientific skills to answer the question: Which materials can or cannot be changed back to their original form?

Each week we will ask and answer the following questions to help us to find out:

- Which materials can or cannot be changed back to their original form?
- What happens when you mix vinegar and bicarbonate of soda and milk and are these reversible changes?
- Can you sort materials according to their properties?
- What could people have used to keep food cool before fridges and why?
- Has your material dissolved or disappeared?
- Can you identify the ingredients of alien soup?
- How has the science related to reversible and irreversible changes helped with solving crimes?
- How did Stephanie Kwolek's invention help many people?

DT

In DT we will transform a relief map into a model of a mountain.

PE

Every Tuesday we will have P.E with the Sports Coach and each Monday we will be focussing on Gymnastics and Outdoor and Adventurous activities with Mr Scoffield.

Music

All the learning in this unit is focused around one song: Stop! It will involve the elements of listening and appraising; performing and composing.

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P.S.H.E

This term in our P.S.H.E unit called 'It's my body', children will learn about how to take care of their bodies. This will involve learning about consent and autonomy, learning about body image and stereotypes and learning about substances which are harmful to our bodies. Children will also learn about the importance of sleep, exercise and hygiene.

In the second half-term the unit is called 'Safety First' and children will consider what it means to take responsibility for their own safety. This will include the decisions they make and how they can stand up to peer pressure. They will learn about everyday risks, hazards and dangers and what to do in risky or dangerous situations. They will also learn about road, water and rail safety and dangerous substances: drugs (including medicines), cigarettes and alcohol.

Children will look at first aid, exploring how to deal with common injuries and what to do to respond to emergency situations.

Computing

In the first half-term we will be learning how to program Turtle Logo.

After half-term, we will be coding with Scratch and trying to develop our own games.

R.E

Symbols and Religious Expression

How do people express their religious and spiritual ideas on pilgrimages?

Spanish

This term, we will be using the Language angels program, focusing on Los juegos olímpicos (The Olympic Games) and Hábitats (Habitats).

English

In English, we will base our work on a range of books, including Escape from Pompeii by Christina Balit.

We will also use non-fiction books about Mountains, Volcanoes and Earthquakes and video clips to inspire our writing. We will write explanation texts about how mountains and Earthquakes are formed. They will also use the 'Reading Plus' programme at home and at school every day, to develop fluency and comprehension. Children who need extra support with their phonics and reading will continue with the Little Wandle phonics program.

Weekly spelling patterns and rules will be learnt in class, practised at home and tested in school each week. Children will be encouraged to use 'Spelling Shed' to practise spellings. In addition to this, children will be tested regularly on the Common Exception words which can be found on our class page on the website.

By the end of Y6, children need to be able to maintain legibility in joined handwriting when writing at speed, therefore this will still be a focus.

Art

We will research and replicate the volcano artwork of Margaret Godfrey.

Maths

We will be using White Rose to support us in our teaching of Maths and this term we will focus on:

- Multiplication and Division
- Fractions
- Decimals and percentages
- Perimeter and Area
- Statistics