Year 5

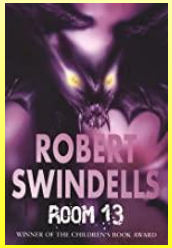
Autumn Term 1

Our topic is: Mountains

In English, I will learn to..

- Write in a range of genres such as a letter, diary entry, setting description, narrative and newspaper report
- Learn how to use a range of different openers in my writing and how to use commas, semi colons and dashes effectively
- Know how to write in a more formal tone

Our class book: Room 13 by Robert Swindells





In Maths, I will learn to..

- Read, write, order and compare numbers to 1,000,000
- Determine the value of each digit of any number up to 1,000,000
- Add and subtract whole numbers with 4 or more digits using formal methods
- Multiply numbers up to 4 digits by a 1 or 2-digit number using formal methods



In Science, I will learn..



- The life cycle of different living things – mammal, amphibian, insect and bird
- The differences between different life cycles
- The process of reproduction in plants
- The process of reproduction in animals
- The functions of the parts of a flower

In ICT, I will learn to..

- Design and write a program that stimulates a physical system
- Translate and design a code



In DT, I will learn to..

- Design a pop-up book which uses a mixture of structures and mechanisms
- Follow a design brief to make a pop-up book, neatly and with focus on accuracy.
- Make mechanisms and/or structures using sliders, pivots and folds to produce movement.



Important Information:



- Spellings will be given out every Friday with a spelling test on the Friday.
- PE will be on **Monday** and **Wednesday** this half-term.
- Homework will be set on a Friday and is due the following Friday.
- Microsoft Teams is our virtual learning platform.

In Music, I will learn to..



- Accurately perform a composition as part of a group.
- Identify scaled dynamics within a piece of music.
- Create body percussion rhythms.

In MFL, I will learn to..



Recognise and sort nouns by gender and number, and to explain the effect this may have on an adjective.

Modify sentences to use the correct articles/pronouns (un/une and il/elle) according to gender.

In PE, I will learn to..

- Gain possession by working in a team and pass in different ways
- Choose a specific tactic for defending and attacking
- Use a number of techniques to shoot

In PSHE, I will learn to..

- Recognise when others may feel lonely or excluded
- Identify strategies for recognising and managing peer influence



In RE, I will learn to..



- Understand some reasons why some people believe in God, why some people don't and why some people haven't decided
- Show an understanding between fact, opinion and belief

Geography

Mountains

In Geography, I will learn:



- What a mountain is and locate the world's 'Seven Summits' on a map
- The key features of mountains and how they are formed
- The climate of the mountains and explore mountain life
- To explore and locate the UK's highest mountains
- The importance of the Himalayas for people living in the region

Recommended books:





Useful websites

https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z4g3qp3
https://www.theschoolrun.com/homework-help/mountains
https://www.rgs.org/schools/teaching-resources/mountains,-volcanoes-and-earthquakes/

Key places I will learn about:

The Seven Summits:



- Kilimanjaro, Africa
- Mount Elbrus, Europe
- Denali, North America
- Mount Aconcagua, South America
- Mount Everest, Asia
- Vinson Massif, Antarctica
- Mount Kosciuszko, Australia

Key facts I will need to know:

- A mountain is a landform that sticks up, high above the surrounding land. It is much taller than a hill (600m or above in the UK)
- Mountains are often found grouped with other mountains in a mountain range
- Mountains are formed when two of the earth's plates collide and land is pushed upwards or folded
- Mountains have their own climates

Key vocabulary linked to my topic:

Ben Nevis, Mount Snowdon, Himalayas, Pacific Ring of Fire, Scafell Pike, altitude, Slieve Donard, summit, alpine, avalanche, landform, slope, dome mountain, fault block mountain, fire mountain, fold mountain