

Year 5 Curriculum Overview

Mon 31st October to Friday
16th December

Geography

The children will continue to learn about the formation and location of some of the **major mountain ranges and volcanoes**



around the world. They will also explore the causes and effects of **earthquakes**.

Computing

The children will create scenes (using an old shoebox / delivery box) to **create an animation** which will be digitally edited. They will also use a program called 'Audacity' to **create some music** to fit alongside the animation.

Science

Children will learn facts about the planets in our solar system, including their movement relative to the Sun. They will use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

Art

Using the work of the artist Pablo Picasso, the children will study portraits. We will be exploring his work and creating our own pieces in his style using a range of media including oil pastels.



Design and Technology

We will receive some equipment from Dyson Technology. The children will study the mechanisms involved and the role of engineers.

PSHE

The children will be learning about the roles and responsibilities of Local Councils. They will also learn about budgeting and continue to think about how to keep safe in different situations, including some of the activities they undertake during Anti-bullying Week.

Physical Education

In games, the children will develop their netball skills and play competitive team games. This half-term, they will also complete some High Intensity Interval Training (HIIT) and create their own sets.

French

The children will learn about Christmas in France and will focus on a play called 'La Nativité'. This will give them lots of opportunities for oral rehearsal. They will also revise numbers up to 50 and basic conversational French.

Music

This half term, children will develop their understanding of pitch and duration and their ability to read and write musical stave notation. We will start by exploring rhythmic notation, then move on to pitch notation before finally combining these two aspects of notation reading. Children will have fun learning to read and play some traditional tunes including Twinkle, Twinkle Little Star.



Religious Education

Children will explore the concept of 'prophecy' within religious and non-religious life and will consider whether the three gifts given at the birth of Jesus were in anyway prophetic of his life to come.

Mathematics

In Mathematics this term the children will be learning to:

- Identify multiples and factors,
- establish whether a number up to 100 is prime and recall prime numbers up to 19
- multiply numbers up to 4 digits by a one- or two-digit number using a formal written method
- multiply and divide numbers mentally, drawing upon known facts
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes

English

The children will study either **Kensuke's Kingdom** or **Why the Whale's Came** by **Michael Morpugo** and write their own creative pieces in a similar style. This will give the children an opportunity to write in the style of a famous author.

In **Guided Reading** the children will continue to develop their skills through their study of different Michael Morpugo books. They will complete a range of engaging activities and tasks encouraging them to consider the author's style, empathise with characters and identify themes in books, as well as recalling events and information from the stories.



In spelling, the children will focus on:

- silent letters
- homophones
- suffixes