

# Year 5 Curriculum Overview

Mon 2<sup>nd</sup> November to Friday 18<sup>th</sup> 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

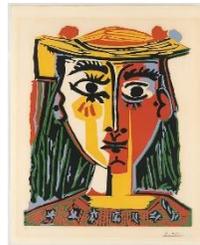
The children will use the iPads to **create an animation** of a volcano. They will also use a program called 'Audacity' to **create some music** to fit alongside the animation.

## 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.



## 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 basketball skills and play competitive team games. This half-term, they will also learn various street-dance steps.

## French

Linking with our Science topic, the children will learn some of the vocabulary associated with **space and the planets**. They will also revise work on the use of adjectives in French and learn about Christmas in France.

## Music

This half term, we will listen to the **Doctor Who theme** by **Delia Derbyshire**. Children will explore how to create music using 'found sounds'. They will use editing software to create melodies from space sounds, recorded by NASA.

## 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:

- Read and interpret timetables,
- 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 a range of **narrative poetry**, including using the poem **The Highwayman** to develop their understanding and enjoyment of poetry and as a stimulus for their writing.

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