

**English**

This half-term, we will be using four books to support our learning.

The Girl in the Red Skirt by Lucy Cooley allows us to use this beautifully told tale to explore the use of language in writing, and to write persuasive speeches about kindness and safeguarding the environment.

Shackleton's Journey by William Grill is a visual journey of Earnest Shackleton's epic attempt to cross Antarctica, and used a narrative approach to explore this incredible true story, with beautiful illustrations. The book provides lots of reading and writing opportunities.

Arboretum by Tony Kirkham is a brilliantly detailed non-fiction book that supports our Geography topic about the biomes

And The Nowhere Emporium by Russ MacKenzie is our exciting class story.

We will continue to follow our Spelling and Grammar curriculum

**Mathematics**

To include:

- Fractions, decimals and percentages;
- Multi-Step Word Problems;
- Geometry;
- Measurement and converting between units of measurement;
- Basic skills (multiplication facts, place value and using time);
- Maths fluency (using number knowledge, basic skills and understanding relationships between numbers to calculate fluently using mental computation strategies).

**Science****Animals Including Humans**

Children will learn to:

- Identify the main parts of the circulatory system.
- Explain the main functions of the heart, lungs and blood vessels in the circulatory system.
- State how the digestive system breaks down nutrients.
- Explain what constitutes a healthy lifestyle.
- Describe how drugs and alcohol can impact negatively on the body.
- Take accurate measures of the pulse rate.
- Record results and write a report which includes a conclusion

**Religious Education**

**Using the Christian concept of Salvation, children will learn:**

To describe and offer thoughtful responses to the distinct beliefs of Christians

To give a clear account of some of the central beliefs and teachings of Christianity

## Spanish

Our Spanish unit is Tienes Una Mascota, in which we learn to talk all about our pets.

## Music

In our music lessons, we will write, compose and perform our own rap songs!

## Physical Education

**Children will learn and refine:**

Dynamic Balance

- Fluidity
- Stay on line
- head up
- Opposite arm / leg moving

**Static Balance**

- Both feet facing forward
- Feet still
- Control / minimum wobble

## Art

### Art & Fashion and Piet Mondrian

We will study the close links between fashion and art, looking at how clothing design has often been influenced by the work of modern artists such as Piet Mondrian and Victor Vasarely, as well as where artists have collaborated with fashion designers, such as Coco Chanel and Pablo Picasso. As well as studying the art and techniques of such artists, we will also practice using these techniques ourselves in our own recreation of their artwork.

## Geography

### Biomes and Climate Zones

In our unit on Biomes and Climate Zones, the children will:

- Locate and label on a map the Earth's biomes.
- Locate and label on a map the Earth's climate zones.
- Research in depth information about certain biomes and present their information
- Compare and contrast different biomes.

## Computing

### Introduction to spreadsheets

This unit introduces us to spreadsheets. We will be supported in organising data into columns and rows to create their own data set. We will be taught the importance of formatting data to support calculations, while also being introduced to formulas and will begin to understand how they can be used to produce calculated data.

## PSHE

In PSHE this half term we will be studying the following units:

**Valuing diversity; challenging discrimination and stereotypes**

**Evaluating media sources; sharing things online**