

## Mathematics

### White Rose Maths



We will be basing our Maths teaching around the White Rose Maths scheme.

Blocks of learning will include:

- Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions
- Converting units

In addition to this, children will develop their arithmetic skills through 'Quick Starts' and "Mental Arithmetic Friday"

## English

### Reading and Writing



In guided reading, we will be reading Pig heart boy where the children will

Writing outcomes will include:

- Narrative
- Diary entry
- Non-chronological Report
- Character and setting description
- Information text
- Instruction writing

We will also exploit writing opportunities across the curriculum.

In addition to this, children will learn spelling rules.

## Design Technology

### Mechanical Systems – Cams and Pulleys

Children will investigate cam mechanisms and different products that contain them. They will discover how different shaped cams can alter the movement of the follower and how to create a sturdy structure using a variety of tools and techniques through evaluating existing products. They will then have the chance to design, make and evaluate their own product with a cam and pulley mechanism.

## Science

### Living things and Animals

Children will learn about different forms of reproduction in plants and animals developing their understanding of life cycles in a variety of different species. Children will also focus on the life and work of Sir David Attenborough and Dame Jade Goodhall using their passions to think about how they could care for the world around them in the future.

## Music

### Charanga – Bon Jovi – Living on a Prayer.

Children will learn all about pitch and temp in their voice through the song "Living on a prayer" by Bon Jovi

## French

### iLanguage Scheme -

Children will continue to learn French through the iLanguage scheme focusing on animals, colours and numbers before moving onto letter writing.

## History

### Mayans



Children learn about the Mayan civilisation and culture. They will start by looking at where the Mayan fit in a chronological timeline comparing with other periods. Children will also learn about the life, society and civilisation of both ancient and modern Mayan people. We will also use sources of evidence to be able to analyse how effective the civilisation was.

## Physical Education

### OAA/Gym/Football and Dance



Children will apply and develop a broader range of skills, learning how to use them in different ways and to link them to make improve their actions and movements. They will develop their communication and collaboration skills by competing with each other and increase their understanding of how to improve in different physical activities and sports. They will learn how to evaluate their own skills and the effect exercise has upon the body.



Key Stage Two – Class 5

## Tree Top Adventure

2022 Autumn Term

## Jigsaw

### Being Me



Children will learn to recognise their self-worth and identify positive things about themselves and their achievements. They will discuss new challenges, the need for rules and rights and responsibilities. They will talk about choices and consequences and work collaboratively to see things from other people's points of view.

## Art & Design

### Henri Rousseau



Children will learn about the life and works of the artist Henri Rousseau. They will use his techniques to develop their still life drawing and sketching skills. They will explore the positioning of images to create the most effective compositions as well as perspective and depth. They will evaluate their own pictures and make comparisons with the techniques used by Henri Rousseau.

## Computing

### Online safety and Writing for an audience

Children will learn about the importance of staying safe online by looking at passwords and the dangers of sharing too much information. Their digital footprint will also be discussed. Chn will also complete and create games to test their knowledge of online safety. Children will also learn how to write for an audience using different programs and tools within them.

## Religious Education

### Justice and Freedom

Children will learn about famous individuals who were prominent in these areas. Chn will learn about what it is like to have freedom and what this means and also why there is a justice system.

## Geography

### South America



Children will learn the location of South America and compare and contrast it with the UK. They will find out more about both the physical and human geography of the continent. This will include looking at the climate, the Andes, and trade. They will finish off the unit by researching and presenting an information text based on a country in South America.