

English

This half term we will be basing our reading and writing on: The Nowhere Emporium by Ross MacKenzie – a thrilling magical adventure set within a shop where all of your dreams come true; and The Highwayman by Alfred Noyes – a classic narrative poem about love, jealousy, betrayal and loyalty with a gruesome end!

We will be writing to entertain, including setting and character descriptions and tense narratives.

We will continue to follow our Spelling and Grammar curriculum for the year as well as revising lots of previous learning.

In reading lessons, we will be reading like a writer, focusing on the choices that authors make and analysing the vocabulary.

Science**Light**

In learning about light, the children will learn:

- Light appears to travel in straight lines, and we see objects when light from them goes into our eyes. The light may come directly from light sources, but for other objects some light must be reflected from the object into our eyes for the object to be seen.
- Objects that block light (are not fully transparent) will cause shadows. Because light travels in straight lines the shape of the shadow will be the same as the outline shape of the object.
- To plan, carry out, record and explain investigations.

Mathematics

To include:

- Fractions, decimals and percentages;
- Multi-Step Word Problems;
- Ratio;
- Algebra;
- 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).

Religious Education

The children will learn about symbolism in religion, focusing particularly on the symbolism of the Empty Cross in the Easter Story

History

The Victorians

In our Victorians topic, we will learn about the main events that took place during the Victorian era; the industrial revolution and how it changed everyone's lives; the positive and negative impacts of the British Empire; the huge differences between how rich and poor people lived during this time, and what life was like for children.

D&T

Electronic motors (Wheels & axles, pulleys)

End product: Motorised Car

Children will learn:

- Electric motors produce rotary movement. The movement can be used to turn something, such as a pulley, a propeller, a fan or an axle.
- When motors are combined with gears their speed can be altered.
- Electric motors can be used alone or they can be combined to give extra power.
- Examples of products using electric motors
- How to connect motors to different circuits and products
- How to follow the design process to create a motorised car

Computing

Spreadsheets

Children will learn:

- What a spreadsheet is
- How to modify spreadsheets
- How to insert formulae
- How to use a spreadsheet to analyse data
- How to create a spreadsheet for a specific task
- To present data in easy to read ways.

PSHE

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

Evaluating media sources; sharing things online

Money and how to be financially responsible