

Mathematics

Working with number is a key skill in life. Transform yourself into a mathematician while we improve our knowledge of:

- Multiplication and division written methods
- Geometry: position and direction
- Fractions, decimals and percentages
- Measurement: length, mass and capacity

English

After some excellent effort in our writing during the autumn term, we will be continuing to use a growing range of punctuation, vocabulary and sentence structures in our writing during the spring term. We will be working to improve your writing further with features such as:

- Improved cohesion across paragraphs
- Using commas to demarcate clauses
- Using a wider range of sentence structures
- Ensuring all our sentence punctuation is used accurately
- Improve our use of direct speech to move our stories on

Class reader this term is *The Nowhere Emporium* by R. Mackenzie

History

We will be taking on the role of historians and explorers, using a range of sources to learn about the past. We will use some of our prior learning about South America and biomes to help us understand more about the climate and environment the Maya lived in. Other areas we will learn about include:

- When the Maya existed in comparison to other British and world history periods.
- The work of John Stephens and Frederick Catherwood
- The game of Pok-a-Tok
- How the Maya peoples' beliefs are different to ours

French

Rigolo unit 3: La nourriture - learning about words and phrases for food

Rigolo unit 4: En ville—learning about words and phrases for places

Year 5 Spring 2024

Maya Mysteries

This theme will see us exploring the ancient civilisation of the Maya and the legacies they left behind. We will also compare the Maya with previously studied periods in history.

Science

Being a scientist involves lots of exciting learning and testing. Year 5 Science will continue to build on skills learnt previously and improve your understanding of fair testing, identifying and classifying as well as pattern seeking.

We will build on the knowledge you already have about forces and properties and changing materials to:

- Understand gravity
- Investigate water and air resistance
- Explore the use of pulleys, levers and gears
- Group and compare materials
- Explore solutions and use sieving, filtering and evaporation to reverse some solutions
- Understand reversible and irreversible changes

Computing

Programming and Databases

We will be using crumble kits and writing our own algorithms. We will then look at organising data through the use of a database.

PSHE

We will continue to develop the knowledge, skills and attributes we need to help keep ourselves healthy and safe, particularly focusing on our mental health and our work associated with the 5 ways to wellbeing. We will be looking at our own personal responsibility and developing our self esteem.

P.E.

Keeping fit and participating in at least 2 hours physical activity is important for both body and mind.

This term we will be enhancing our skills in swimming, dance and sports hall athletics.

Music

Following a fantastic term of learning to play the Ukulele, we will be focussing on the music of Frédéric Chopin and the Romantic period.

R.E.

Learning about, and understanding, the beliefs of others is key in creating better appreciation of people in our community. We will focus on the key questions:

- Why do Christians believe Jesus was the Messiah?
- Why is the Torah so important to Jewish people?

D.T. and Art

We will develop our art and design outcomes through learning about a range of artists and designers as well as practising skills in sketching, painting and collage to create a Maya mask.

As designers and engineers, we will be exploring the use of pulleys and gears to develop a method to transport items, such as stone to build a Mayan temple.