History

History of flight.

We will learn about the Wright brothers and the story of their historic flight on December 17th 1903. We will respond to our visit to the British Aerospace museum and reflect on our day, focussing on the engineers who inspired, calculated and tested to make flight a reality.

We will also look at flight before flight and the attempts, legends and myths that are woven throughout history.

Physical Education

Future Stars – Y1 and Y2 will be developing their skills with the Future stars coach.

REAL PE- we will be developing our skills with static and dynamic balances and using them to develop sequences using apparatus, pairs and groups.

Computing

We will be using the laptops and iPads. This term we will be focusing on coding.

Both year groups will develop the ability to input code into the computer to create an algorithm to perform a series of functions.

Science

Materials: Investigating the materials that would be used to make flight easier.

Starting by identifying the choices of materials that have been used in our classroom and surrounding area, justifying the type of material to its suitability for the job it is doing. We will investigate which materials are recyclable and why it's important to look after our planets resources. We will develop our investigations by following the STEM science programme and have chosen investigations related to floating, sinking and magnetism. We will test materials and different designs for our own paper aeroplanes.

Maths

We will be following the White Rose mastery maths planning and using the CPA approach to develop our learning.

Concrete (practical resources), **P**ictorial (drawing) and **A**bstract (numbers)

The CPA method involves using actual objects for children to add, subtract, multiply or divide. They then progress to using pictorial representations of the object, and ultimately, abstract symbols. CPA approach builds on the abstract concept of number by using practical resource and images to build upon familiar knowledge in a more tangible, practical way.

Year 1:

Number: Addition and Subtraction (within 20)
Number: Place Value (within 50)
Multiples of 2,5 and 10
Measurement: Length an height
Measurement: Weight an Volume

Year 2:

Number: Multiplication and division
Statistics
Geometry: Properties of Shape
Number :Fractions

Years 1 and 2

Terms 3-4 2018/19

Cracking Contraptions- How do they do it?

Miss Gibbs and Mrs Browett,
Mrs Philpott and Mr Lowe

English

Fiction

Our focus book is 'The Way Back Home by Oliver Jeffers.

- use talk for writing to retell the story and then innovate to create our own quest stories.
- continue to improve our sentence construction by using conjunctions to connect ideas, adjectives to describe colours, details and feelings, action suffixes and similes.

Non-Fiction

- writing instructions for machines, both real and created using the Wallace and Gromit 'Cracking Contraptions as a stimulus.
- Biography of inventors

Phonics and Spelling – we will continue to develop our application of phonics, high frequency words and spelling patterns in our reading and writing.

Reading is so important. Please try to read with your child every day.

RE

How do we celebrate our journey through life?

- Identify important events that have happened and that might happen in the future.
- Find out about how the birth of a baby might be celebrated by Christian believers and in the Muslim Faith.
- Learn about Muhammad and the story he told
- Reflect on the idea of a promise
- Eater. Find out the importance of Easter within the Christian Faith and how this is celebrated.

Music

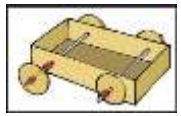
This term we will follow the Charanga music programme;
Year 2 will be learning a rock song as well as learning to sing, play, improvise and appraise classic rock songs. They will then focus on a song especially written for children 'Zoo Time' which has a classic reggae beat.
Year 1 will be learning a song 'In the Groove' and will be appraising different styles of music including Bhangra, Baroque, Rock and blues. They will then be focused on one song: Round and Round which is in a Bossa Nova style.
Both classes work towards an integrated approach to music where games, the dimensions of music (pulse, rhythm, pitch etc) singing and playing instruments are all linked.

Art

Landscapes and Cityscapes. We will be appraising the landscape and cityscapes of Monet, Van Gogh and Metzinger and respond to these using colour, texture and line. We will also be using mosaic to bring our own city and landscapes to life.

Design and Technology

We will learn about simple mechanisms of wheels and axles and investigate these in a variety of products. We will use these ideas to design and make our very own moving contraptions.



Geography

We will be using maps, atlases and globes to locate places around the world. We will name the seven continents and the five oceans and find where we live on a map of the UK.