

## Mathematics

We are continuing with the Pearson scheme 'Power Maths' which incorporates the Mastery skills expected to be taught as part of our current curriculum.

This term we will be looking at the following units:

### Year 5

Adding and Subtracting Fractions

Using written methods for Multiplication and Division

### Year 6

Ratio and proportion

Algebra

Alongside our daily Power Maths lesson, we will be focusing on Arithmetic; ensuring we have secure written and mental methods and quick recall of number facts.

This will include a short weekly test which will inform the Arithmetic focus for each week.

We will continue to practice our times tables daily and each week children will take part in the 144 Challenge where they try to answer as many table facts as they can in a given time to beat their best score.

## English

Our class novel this half term is 'Skylark' by Danny Rurlander.

This text is like a modern version of Swallows and Amazons set in the Lake District. It follows the adventures of Tom Hopkins and his use of drones to stop a terrorist organisation.

We will be looking at how Danny Rurlander describes the Lake District setting from the drones in the sky. We will write our own setting descriptions from the sky using figurative language, We will also be writing diary entries in the role of Tom, describing the dramatic events which take place within the story.

We will then end the half term by looking at characterising speech and writing our own adventure stories which include speech, based on the adventures which take place in Spylark.

## Spelling, Punctuation, Vocabulary And Grammar

Statutory spelling list for Year 5 and 6  
Weekly spellings from Spelling Shed

We will continue to study and use the grammatical features from last half term, applying these to different writing genres this term.

We will identify the main clause and understand how we can expand this by adding subordinating clauses, parenthesis and adverbials for time, place and manner.

We will be recapping what we know about punctuating direct speech.

## RE

How can following God bring freedom and justice?

## French

J'habite

Rooms, furniture and places

## PSHE

Keeping Myself Safe

## Eagle Owls

Magna Carta and the Priory  
School Value - Hope

## Computing

I-App1 using Scratch

## PE

Gymnastics  
Hockey  
Indoor Athletics

## Music

Explore the History of Music

## History

A Local History Study – Magna Carta and the Priory

During this topic we will:

- Identify the significant monarchs on timelines
- Identify when King John ruled and what he was like as a ruler
- Understand the significance of the Magna Carta
- Learn about the life of William Marshal the 1<sup>st</sup> Earl of Pembroke
- Understand the history of Cartmel Priory and William Marshal's role in founding it.

## Science - Forces

During this topic we will:

- Explore gravity and the life work of Isaac Newton
- Examine the connection between air resistance and parachutes.
- Explore factors which affect an object's ability to resist water.
- Investigate the effects of friction on different surfaces.
- Investigate mechanisms – levers and pulleys.
- Investigate gears.

Through our learning we will be using scientific vocabulary and working scientifically to develop a deeper understanding.

## Bridges

### Design & Technology

We will be exploring the techniques used to strengthen bridges and understand how existing bridges work. We will then design a prototype bridge, create it and evaluate our product.

### Art

We will be studying the work of famous architects including Brunel, Telford and Eiffel. We will look at the bridges/buildings they have designed and create our own pencil sketches of them.