

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

Multiplication and Division
Fractions

Year 6

Fractions
Imperial and Metric Measures

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

We will start this term by writing and performing our own sense poems, describing what it must have been like for soldiers in World War I and World War II, ready for Remembrance Day.

We will then be writing explanation texts, linked to our Geography topic, explaining how rivers are formed. During this writing process we will learn about what presentational and language features are included in explanation texts and use these to structure and write our own.

We will end the half term by looking at persuasive writing, focusing on the language used. We will be writing persuasive letters on the topical issues related to our local rivers.

Our class novel this half term is 'Floodland' by Marcus Sedgewick.

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 use a range of punctuation throughout including colons and semi colons as well as brackets, dashes, and commas for parenthesis.

RE

Was Jesus the Messiah?

French

Les vêtements
Colours and clothing

PSHE

Valuing Difference

Eagle Owls

Rivers and the Water Cycle
School Value - Responsibility

Computing

I-Data using Scratch

PE

Football
Orienteering
Cross Country
Dance

Music

Songs for SHREK Production

Geography

The Water Cycle and Rivers

During this topic we will:

- Understand and explain the water cycle.
- Describe the key features of a river system.
- Use atlases and maps to identify the key features of a river system.
- Find out how they erode, transport and deposit materials.
- Locate the key rivers of the world.
- Understand why people settle by rivers and how rivers are used.
- Explain the issues stemmed from living near rivers and the causes of flooding.
- Use observational skills to collect data to study the human and physical features in our local area.

During this topic we will be taking part in an interactive water workshop and we will be visiting and studying a local river.

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.