

Year 5 Curriculum Overview

Summer Term

Old and New



This leaflet aims to give you information on the curriculum the children will be covering during the Summer Term.

English

As readers, we will continue to develop our reading fluency and deciphering new vocabulary through contextual cues and thesaurus/dictionary work. In guided reading lessons, we are exposing the children to a wider range of fiction, poetry, plays, non-fiction and reference books, where we capitalise on topics, making links where possible.

As writers, the children will understand audience and purpose and will build on existing grammar and punctuation knowledge. They will have many opportunities across the curriculum to write. In English, we are focussing on fiction – old and new.

We will be exploring the narrative poem 'The Highwayman' by Alfred Noyes and using the message from the text to write persuasive letters and spend time focussing on the characterisation of the main characters, debating if the Highwayman was a ruthless man.

While studying our modern fiction text 'The Boy in the Girls' Bathroom' by Louis Sachar, the children will be exploring right and wrong and the personal battles of a young learner.

Spellings will continue to be taught through our whole class lessons, following the national curriculum expectations.

Maths

As mathematicians, they will be developing fluency during morning session, focussing on counting, additional and subtraction strategies, multiplication and division strategies and associated written methods. Children will apply mental strategies to different concepts.

Our key areas of learning this term will be:

Fractions

- Understand equivalent fractions
- Multiply mixed and improper fractions by whole numbers
- Find fractions of quantities
- Simplifying and comparing fractions.
- Compare fractions and decimals using equivalents.
- Recognise the percent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.
- Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25

Angles

- Identify types of angles
- Estimate and measure angles using degrees

- Draw angles using a protractor
- Find missing angles

Geometry

- Find and compare the area of different shapes including rectilinear shapes.
- Find missing lengths of rectilinear shapes.

Measurement

- Convert between different units of metric measure [for example, km and m; cm and m; cm and mm; g and kg; l and ml]
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.
- Estimate volume [for example using 1cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water]
- Use all four operations to solve problems involving measure.
- Solve problems involving and converting between units of time.

Times Tables

In year 5, children are required to know their timetables up to 12 x 12, corresponding division facts and other associated facts such as, 2 x 3, 20 x 30, 0.2 x 3 etc.

Geography and History

As historians, we will be further developing our understanding of history by studying the Mayan period of Mesoamerica. This will be completed as a history week towards the end of term.

We are completing our geography study on The Americas.

Science

As scientists, we will be learning;

Forces (Physics)

- Explain that unsupported objects fall towards the Earth because of the force of gravity.
- Identify the effects of air resistance, water resistance and friction, which act between moving surfaces.
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Art and Design Technology

As designers, the children will be continuing to use sketchbooks to experiment with colour and composition. We will be generating ideas from the work of artists such as Georgia O'Keeffe and William Morris. We will then be completing some flower and plant painting using repeated patterns, using our research as inspiration.

Children will study the work of artists Georgia O'Keeffe, learning how artists used colour, shape, and detail to create striking floral compositions. They will experiment with acrylic paints and techniques before exploring collage and discovering the vibrant, abstract work of Beatriz Milhazes. They will learn how to layer shapes, colours, and textures to create dynamic compositions and will design their own abstract flower- combining acrylic painting with collage inspired by Georgia O'Keeffe's expressive style.

As artists, the children will be developing their sketching skills using a variety of techniques to add depth to their drawings. We will also look at geometric patterns and abstract art, using Piet Mondrian as an inspiration for our work. The children will eventually be creating clay tiles with geometric patterns.

PE

We will be practising athletic skills such as; throwing, jumping and running. We will be learning team games through rounders and Kwik Cricket.

Later in the term, we will use our team skills to design our own games.

The objective is to promote friendly competition in readiness for school sports day as well as the school values of Courage, Respect, Friendship and Honesty.

RE

During the term, we will be studying Judaism. We will also look at: "What do Muslim people believe about Islam and Iman?" The children will be encouraged to participate in discussions and they will be encouraged to ask questions.

Music

As musicians the children will be preparing a range of songs to perform in their Summer Show. They will also be learning how to play the steel pans, focussing on notation, rhythm and pitch.

French

In French, we will continue to use our speaking, listening, reading and writing to explore a variety of language structures. Spelling, punctuation and grammar will receive increasing focus. We will also find out what the Vikings got up to in France and simple French poetry.

In addition, we will learn out about Le Tour de France and le 14 Juillet, Bastille Day.

Computing and E-Safety

In computing this term, we will be learning about how to create databases, improving our Scratch programming skills and using Moviemaker to create, film and edit a short trailer to support our English learning.

With our e-safety knowledge we will continue to cover the main themes: Self-image and identity, online relationships, online reputation, online bullying, managing online information, health, well-being and lifestyle, privacy and security and copyright and ownership. These are crucial topics that enable children to safely navigate around the online world and to make the correct choices if they come across something online that is not appropriate. We use Project Evolve resources to teach these skills to the children.

In the second half of the term, children will discuss self-image and lifestyle. We will talk about what is meant by the term 'identity' and the ways in which we can represent ourselves online.

Homework

Weekly spellings, SPaG and maths homework will be set alongside a half termly topic homework menu which will consist of a bank of six activities. These activities will vary from design and technology, art, maths, science, English or computing. An internet safety and school values task will also be included. Children will be asked to share their homework in the style of an 'exhibition' in class, where they can explain their work to their peers in the last week of term.

It is essential that your child reads as much as possible. This doesn't always have to be your child's reading book; it is just as beneficial for your child to read a wider variety of fiction, non-fiction and poetry. Please ensure your child's reading record is completed.