

English and Reading

In English this term, children will be reading the book *The Promise* by Nicola Davies. The children will learn to use skills to effectively narrate their own story creating a character narrative and learn to explain through creating a persuasive letter.

In reading, our texts will focus on ideas around ambition and desire. The children will read *The Black Dog* and *When the Stars Come Out*. The children will continue to learn and apply a variety of reading skills focusing on one reading skill per week. Skill focus: Vocabulary, Inferences, Predictions, Explaining, Retrieval and Summarising.

Spelling, punctuation, and grammar.

SPaG skills covered in our English unit include, verb prefixes, indicate degrees of possibility using adverbs indicate degrees of possibility using modal verbs, using devices to build cohesion within a paragraph, and using commas for parenthesis. The children will also build on previous years & focus on using modal verbs to indicate degrees of possibility and structures appropriate to formal speech in writing.

Punctuation will have expectations from previous year revisited, such as using apostrophes and brackets.

Spelling will be taught in English and also independently. They will focus on previously taught spelling patterns and year 5 statutory spelling lists. Spellings will be given weekly as homework so that children can learn and apply them in sentences. Children will have spelling checks each term.



Our Big Questions

How many countries do the Alps cover?

Why do people visit the Alps?
How would you separate a solution of salt and water?

Maths

In Maths, children will cover units on place value, and addition and subtraction. In the place value unit, they will read, write, construct and deconstruct numbers up to 1 000 000. They will use concrete, visual and abstract methods to help identify the value of individual digits in numbers with up to six digits. As well as larger numbers, children will be introduced to the concept of decimal numbers, which will be covered in more detail later in the year. They will revisit comparing numbers using the greater than and less than symbols and then develop their skills by reasoning about numbers. Children will focus on rounding any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 or 100 000. Children will count forwards and backwards in different powers of 10. They will have the opportunity to use all their number and place value skills to solve a range of problems. Finally, children will extend their knowledge of Roman numerals to represent numbers up to 1000 and read years written in Roman numerals.

In the addition and subtraction unit, they will learn to use mental strategies, to Add and subtract whole numbers with more than four digits, use rounding to check answers, understand inverse operations (addition and subtraction), and answer multi-step addition and subtraction problems, including comparing calculations and finding missing numbers.

Children will also learn their times tables so that they can recall them instantly. It is vital that children know all their times tables before they finish year 5. TT Rock stars is a great way to support your child with this. Children will also have access to Mirodo, which can be a great support for learning key concepts in Mathematics as they have many supporting videos.



Year 5 Curriculum Overview Autumn 2025

ART and DT: Electrical Systems: Doodlers

In DT, children will learn about creating circuits and learn that an electric motor converts electrical energy into rotational movement, causing the motor's axle to spin. They will be able to provide examples of motorised products that use movement to rotate or spin different parts. Children learn about making a 'Doodler' (a drawing device) and consider its function and how they can develop the physical and practical design of a Doodler through investigations.

Key words: circuit component, configuration, current develop, DIY, investigate, motor, motorised, problem solve, product analysis, series, circuit, stable, target, user

Geography: What is life like in the Alps?

Children will learn the names of countries and major cities surrounding the Alps. They will learn some similarities and differences between mountain ranges in UK and the Alps. They will learn about the location of key physical features, why tourists visit mountain regions, and the vegetation that can be found in the Alps. They will also learn about a range of data collection methods and learn how to use them.

Key words: Atlas, climate, climate change, coniferous trees, data, deciduous trees, enquiry, fold mountain, glacier, hemisphere, human feature, land height, Latitude, leisure, longitude, method, mountain climate, mountain range, OS map, physical feature, population



Science

In Science this term, we will be looking at the topic area Materials: mixtures and separation. Children will learn to define the term **mixture** and name some examples, define **sieving** and explain how it separates mixtures, define the term **filtering** and explain how it separates mixtures, and define the terms **solution** and **dissolve**, naming examples of solutions. They will also learn to define the term **evaporating** and explain how evaporating separates solutions. They will learn some factors that affect the time taken to dissolve and describe the effect of temperature on the time taken to dissolve. They will learn to identify when sieving, filtering and evaporating should be used.

Key words: control variable, dissolve, filtering, insoluble, mixture, sieving, soluble, solution, stopwatch, variable



RE



In RE, we will look at the following topic areas:
How and why are Jewish Festivals celebrated today?

They key questions asked will be:

What do we know about Jews and Judaism?

What happens at Rosh Hashanah?

Why is Yom Kippur such a solemn and holy day?

How is Sukkot celebrated today?

How is the giving of the Torah remembered at Shavuot?

How is the festival of Purim celebrated?

Why do Jewish people celebrate so many festivals?

PE

In PE this term, children will be learning skills in Hockey revisiting skills taught in previous years. The children will learn how to pass, receive and travel with the ball as well as tackle and shoot. They will develop their understanding of the principles of attacking and defending in invasion games. Children will have the opportunity to take part in individual, paired and small group activities as well as to play a range of team games to enable them to practise and improve their skills. The children will have the opportunity to prepare for the indoor athletics competition in our PE lessons. They will also be swimming this term and preparing for the indoor athletics competition.

