

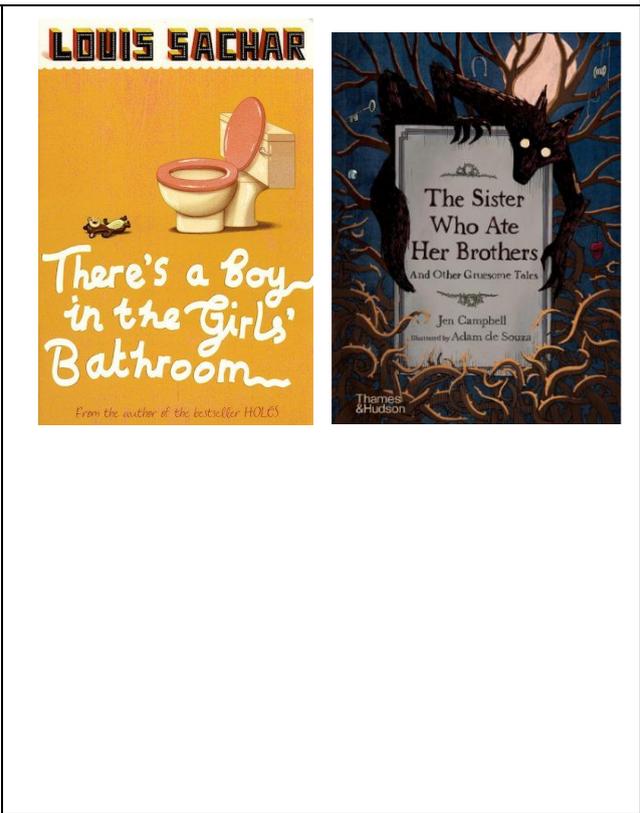
Subjects: **Autumn Term YEAR 5**

English

There is a boy in the girls' bathroom
 Over the first half of the Autumn term, the children will be reading 'There's a boy in the girls' bathroom'. This text explores the struggles of trying to fit in and how kindness brings out the best in people. In this unit, children will write diary entries and then, after researching neurodiversity, they will produce their own non-chronological reports.

The Sister Who Ate Her Brothers
 In the second half of the Autumn term, we will explore traditional tales with a twist. The children will write a twisted fairytale and character descriptions based on trickster tales from all over the world.

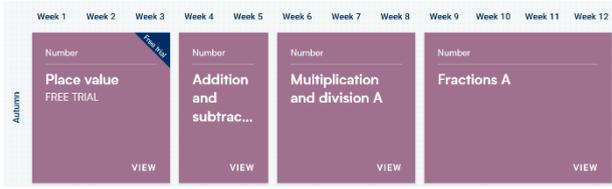
Reading
 Children will also be developing their reading skills in our Daily Reading sessions (where they will explore a new text every week) focusing on developing the skills of predicting, summarising, inferring, and retrieving information.



Maths

Place Value Chart

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones



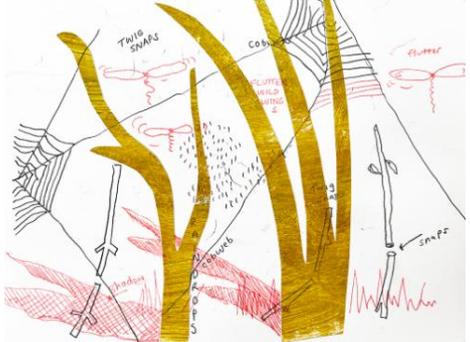
Place Value
 Pupils will be introduced to the place value of numbers to 1,000,000. They develop their skill at reading and writing large numbers in words, standard and non-standard partitioning and adding 1, 10, 100, 1000 to a given number. They will also explore number lines up to 100,000 and 1,000,000, order and compare numbers and round to the nearest 10, 100 and 1000.

Addition and Subtraction
 We will learn how to use the column method for addition and subtraction and learn to apply this method to numbers with more than four digits.

Multiplication and Division
 In this unit, the children will learn about multiple and factors, alongside prime, square and cube numbers. We will also revisit multiplying and dividing by 10, 100 and 1000.

Fractions
 To finish the Autumn term, we will revisit fractions and build on previous learning to deepen understanding of equivalent fractions, converting between improper fractions and mixed numbers as well as making comparisons. Children will also learn how to add and subtract fractions with different denominators and mixed numbers.

<p>Science</p>	<p><u>Mixtures and Separation</u> Our science lessons will explore mixtures and solutions. Pupils will learn how to separate mixtures using sieving and filtering, and understand how solutions form when substances like sugar dissolve in water. We will discuss factors affecting the rate of dissolving, such as temperature, and study how evaporation separates solutions by leaving the dissolved substance behind.</p> <p><u>Properties and changes</u> We will also be focusing on determining the properties of different materials and how these properties relate to their uses. The children will explore the hardness and transparency of materials, investigate the thermal and electrical conductivity of materials and identify and describe reversible/irreversible changes.</p>	 
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<p>Art</p>		<p><u>Making Monotype</u> In Art, the children will explore the process of making monotypes. The children will explore the work of an artist who uses monotypes to build sculptures and installations. Pupils will develop their mark making skills, before focusing upon a project which gives them the opportunity to use the monotype process (combined with painting and collage) to make a “zine”, inspired by a piece of poetry.</p>
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<p>History</p>	<p><u>Vikings: Were the Vikings traders, raiders or something else?</u> In history, we will delve into the Vikings. The children will learn where the Vikings came from and why they invaded Britain. They will sequence events based on their significance and find evidence to make inferences from historical sources. We will explore Viking trade routes and understand their importance. Children will also identify differences between Viking sagas and evaluate the impact of Viking achievements.</p>	
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<p>Geography</p>		<p><u>What is life like in the Alps?</u> In Geography, we will be locating the Alps on a world map and identify the eight countries they span. They will examine three physical and three human characteristics of the Alps and research the features of Innsbruck. Using various data collection methods, including questionnaires, mapping, and recording findings with sketches or photographs, students will compare the geography of their local area with Innsbruck. Finally, they will describe key aspects of the human and physical geography of the Alps.</p>
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Religion and Belief	<p><u>Sikhism</u> The children will gain an understanding of key beliefs, practices, figures, and stories of the Sikh faith. They will learn to use related vocabulary accurately and develop respect for Sikh believers, the significance of the 5Ks, the founding of Khalsa, Guru Nanak's teachings, Sikh beliefs about God, and the importance of the Guru Granth Sahib and the Gurdwara.</p>	 
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P.E.	   	<p><u>Indoor PE: Gymnastics and Swimming</u> Pupils develop balancing, rolling, jumping and inverted movements and develop performance skills considering the quality and control of their actions. In swimming, the children will go swimming for 10 days on the 20th- 24th October and again, after half term, on 3rd November -7th November. They will develop a range of swimming skills and strategies to enhance their ability and technique.</p> <p><u>Outdoor PE: Football and Netball</u> Pupils develop their understanding of the attacking and defending principles of invasion games. We will also develop pupils' understanding of the importance of fair play and honesty while self-managing.</p>
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Computing (Digital Literacy)	<p><u>Desktop and Online Word Processing</u> In Computing, the children will learn the key features of a word processing. They will develop skills needed to edit a document, including text formatting, images, tables and layouts.</p> <p><u>Coding</u> In Computing the children will learn to simplify code and create playable games. They will understand simulations and program one using 2Code. Additionally, students will learn to use friction in code, understand functions, different variable types, how to create a string, and the concept of concatenation. Spreadsheets</p>	    
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P.S.H.E.		<p><u>Me and My Relationships</u> At the beginning of a new academic year, children will learn how to set personal goals for their learning and how to resolve conflicts through discussion and kind actions.</p> <p><u>Valuing Differences</u> In this unit, we will continue to explore and celebrate differences within our community, in line with the British Values. Children will learn about tolerance, acceptance and respect.</p>
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<p>Music</p>	<p><u>Living on a Prayer</u> For the first half-term the children will learning the song 'Living on Prayer' by Bon Jovi. They will discuss the lyrics and learn the different beats.</p> <p><u>Recorders</u> After the half term the children will be looking at the different notes and learning how to play the notes on the recorder.</p>	
<p>French</p>	 <p> un lapin un chien un chat un oiseau un hamster un poisson rouge une tortue une souris janvier février mars avril mai juin juillet août septembre octobre novembre décembre </p>	<p><u>Do you have a pet?</u> By the end of this unit pupils will have the knowledge and skills to present both orally and in written form about the pets they have and/or do not have in French. They will move from 1st person singular to 3rd person singular verb usage so they are able to say what the pet is called and use conjunctions more confidently.</p> <p><u>What is the date?</u> Days of the week, months of the year and numbers 1-31 will be introduced, revised and consolidated so, by the end of this unit, pupils will have the knowledge and skills to say the date and when their birthday is in French.</p>