

Curriculum Overview – Oak Class: Autumn 1 2025

Maths	<u>Place Value</u>	<p>Year 5 and 6: The children will read, write, order and compare numbers to 1 million and beyond and determine the value of each digit. Count forwards or backwards in steps of powers of 10. Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. Round any number up to 1 000 000. Read Roman numerals to 1000.</p> <p>Year 4: The children will find 1000 more or less than a given number. Count backwards through zero to include negative numbers. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones). Order and compare numbers beyond 1000. Identify, represent and estimate numbers using different representations. Round any number to the nearest 10, 100 or 1000. Roman numerals to 100.</p>
	<u>Addition and Subtraction</u>	<p>Year 5 and 6: The children will add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction). Add and subtract numbers mentally with increasingly large numbers. Use rounding to check answers to calculations. Solve addition and subtraction multi-step problems in a variety of contexts. Use estimation to check answers to calculations.</p> <p>Year 4: The children will add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. Estimate and use inverse operations to check answers to a calculation. Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p>
	<u>Fractions</u>	<p>Year 5 and 6: The children will find equivalent fractions. Simplify, order and compare given fractions. Convert improper fractions to mixed numbers and vice versa. Add and subtract fractions by finding common denominators.</p>

English	<p><u>Year 5 and 6</u> <u>Non- Fiction – Persuasive leaflets, newspapers.</u></p> <p><u>Fiction – Diary writing, setting descriptions, stories with dialogue.</u></p> <p><u>Year 4</u> <u>First person narrative, poetry, non-chronological report</u></p> <p><u>Grammar</u></p> <p><u>Guided reading – Reading comprehension.</u></p>	<p>The children will listen to our class text: Holes by Louis Sachar. The story explores the experiences of a child who has to go to a camp in the desert in America. He strikes up new friendships, goes on an adventure and digs holes! The children will be writing diary entries, setting descriptions and stories with dialogue based on the text. They will also be writing persuasive leaflets and a newspaper report.</p> <p>The children will write a first-person narrative based on the book 'Stone Age Boy'. They will write poems linked to harvest. They will write a non-chronological report based on their learning about the Stone Age.</p> <p>All the children will learn spelling, grammar and punctuation from the year 4, 5 and 6 national curriculum programme of study.</p> <p>The children will develop their reading comprehension skills through guided reading, analysing high quality extracts and completing activities relating to directly to the book which they are reading to aid understanding and encourage inference.</p>
Science	<p><u>States of matter</u></p>	<p>The children will learn about solids, liquids and gases and identify examples for each state. They will learn about how materials change when they are heated or cooled and the temperature at which this happens. They will learn about the water cycle and the processes of evaporation and condensation. They will conduct their own experiments to learn more about how materials change.</p>
History	<p><u>Stone age to Iron Age</u></p>	<p>The children will learn about the Stone Age, the Bronze Age and the Iron Age. They will find out about the features of these periods and learn about the major changes that happened: for example, changes in settlements, tools, trade and religion. They will learn about the job of archaeologists and how they use evidence to understand the past.</p>
Music	<p><u>Introduction to Brass</u></p>	<p>The children will be introduced to brass instruments and be taught by expert peripatetic brass teachers for their music lessons this half-term. They will learn how to blow into the instruments to make different sounds and play some notes and simple tunes.</p>
PE	<p><u>Tag Rugby</u></p>	<p>The children will learn the invasion game of tag rugby. They will be developing their skills in communication, passing and throwing. They will practise the rules of tag rugby as an invasion game. They will develop their teamwork skills and work together when competing.</p>

	<u>Netball</u>	The children will learn the basic rules of netball and know that it is a non-contact game. They will learn and carry out various passes involved in the game. They will develop footwork and pivoting. They will work towards competing in an inter-school competition.
Art RE	<u>Drawing</u>	The children will learn about sketching and drawing techniques in the context of The Stone Age. They will develop their understanding of pattern, tone, shape and line in their drawings and use shading to create light and shadow.
	<u>Creation</u>	The children will be learning about the Christian value of Creation. They will listen to Bible stories that teach us how Christians believe that the world was created. They will think about the beautiful creation in the world around them and how we can care for what we have been given.
	<u>The New testament</u> <u>The Guru Granth Sahib</u>	<p>The children will explore the following questions:</p> <ul style="list-style-type: none"> • Why are holy books so important to people of Faith? • What is the Sikh Holy book? • How do Sikh's use their holy book? • When and where did the New Testament of the Bible happen? • What guidance does the New Testament give to Christians? • What does the New Testament tell us about the life of Jesus? • Why is the New Testament so important to Christians?
Computing	<u>Online safety</u>	The children will learn about how they can keep themselves safe in the online world. They will learn about the dangers of being online and how to protect themselves using the SMART rules. They will learn how to behave positively online and what to do if they are affected by negative behaviour online. They will learn about the positive and negative effects of screen time and think about their own behaviour choices.
	<u>Coding</u>	The children will learn to create blocks of code to move objects and create shapes. They will learn how to nest blocks of code and create more efficient code. They will learn how to make a simple game with their own background and characters.
PSHE	<u>Me and My Relationships</u>	Through the 'SCARF' materials, the children will be learning about themselves and their relationships. They will be learning how to identify their own feelings, behaviours and needs, and what to do if they need help with them. They will identify ways to build positive relationships and the importance of collaboration.