



Bishop Chadwick
Catholic Education Trust



Mathematics Long Term Plan 2024-25

Year 4

Term	Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Shape	Position and Direction	Statistics
Autumn	2 weeks	1 week	1 week	2 weeks	2 weeks	1 week	1 week	1 week
Spring	2 weeks	2 weeks	2 weeks	2 weeks	2 weeks	1 week	1 week	1 week
Summer	1 week		2 weeks	2 weeks	2 weeks	2 weeks	1 week	

Term	Number and Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Measurement	Shape	Position and Direction	Statistics
Autumn	Count in multiples of 6,7,9,25 and 1000 Find 1000 more or less than a given number Count backwards through zero to include	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	Recall multiplication and division facts for multiplication tables up to 12x12	Recognise and show, using diagrams, families of common equivalent fractions Count up and down in hundredths; recognise that hundredths arise when	Convert between different units of measure [for example kilometre to metre; hour to minute] Estimate, compare and calculate different measures,	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	Describe positions on a 2-d grid as coordinates in the first quadrant	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs



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	<p>negative numbers</p> <p>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)</p>			<p>dividing an object by one hundred and dividing tenths by ten</p> <p>Find the effect of dividing one- or two-digit number by 10 and 100, identifying the value of digits in the answer as ones, tenths and hundredths</p>	<p>including money in pounds and pence</p>			
Spring	<p>Order and compare numbers beyond 1000</p> <p>Identify, represent and estimate numbers using different representations</p>	<p>Estimate and use inverse operations to check answers to a calculation</p> <p>Solve addition and subtraction two step problems in contexts,</p>	<p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers</p>	<p>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities,</p>	<p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p> <p>Fill in the area of rectilinear</p>	<p>Identify acute and obtuse angles and compare and order angles up to two right angles by size</p>	<p>Describe movements between positions as translations of a given unit to the left/right and up/down</p>	<p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms,</p>



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	<p>Round any number to the nearest 10, 100 or 1000</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers</p>	<p>deciding which operations and methods to use and why</p>	<p>Recognise and use factor pairs and commutativity in mental calculations</p>	<p>including non-unit fractions where the answer is a whole number</p> <p>Add and subtract fractions with the same denominator</p>	<p>shapes by counting squares</p>			<p>tables and other graphs</p>
Summer	<p>Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value</p>		<p>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout</p> <p>Solve problems including multiplying and adding, including using the</p>	<p>Recognise and write decimal equivalents of any number of tenths or hundredths</p> <p>Recognise and write decimals equivalent to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$</p>	<p>Read, write and convert time between analogue and digital 12- and 24- hour clocks</p> <p>Solve problems involving converting from hours to minutes; minutes to</p>	<p>Identify lines of symmetry in 2-D shapes presented in different orientations</p> <p>Complete a simple symmetric figure with respect to</p>	<p>Plot specified points and draw sides to complete a given polygon</p>	



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			distributive law to multiply two digits by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects	Round decimals with one decimal place to the nearest whole number Compare numbers with the same number of decimal places up to two decimal places Solve simple measure and money problems involving fractions and decimals to two decimal places	seconds; years to months; weeks to days	specific line of symmetry		
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