



St Walburga's Catholic Primary School
Year 4 Maths Overview



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Recall and use multiplication and division facts up to 12x12.	Count in multiples of 1000. Recognise the place value of each digit in a 4-digit number.	Identify, represent, and estimate numbers using different representations. Find 1000 more or less than a given number.	Solve number problems and practical problems that involve place value.	Compare and order numbers beyond 1000.	Round any number to the nearest 10, 100 or 1000.	Count backwards through zero to include negative numbers.
Autumn 2	Add numbers with up to 4 digits, using formal written methods of columnar addition and subtraction where appropriate. Estimate and use the inverse operations to check answers to a calculation.	Subtract numbers with up to 4 digits, using formal written methods of columnar addition and subtraction where appropriate. Estimate and use the 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.	Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m. Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit. Estimate, compare, and calculate different measures.	Count in multiples of 6, 7 and 9. Use place value and known and derived facts to multiply and divide mentally, including multiplying by 0 and 1; dividing by 1; multiplying together three numbers. Recognise and use factor pairs and commutativity in mental calculations.	Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written methods. Recall and use multiplication and division facts up to 12x12.	ASSESSMENT WEEK <ul style="list-style-type: none"> Use question analysis to plan morning activities/lesson starters for Spring Term
Spring 1	Divide 2-digit and 3-digit numbers by a 1-digit number using formal written methods.	Divide 2-digit and 3-digit numbers by a 1-digit number using formal written methods.	Estimate and use the inverse operations to check answers to a calculation. Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by one digit, integer scaling problems and harder correspondence problems, such as n objects are connected to m objects.	+ - x ÷ Solve mixed operation questions.	Find the area of rectilinear shapes by counting squares.	Recognise and show, using diagrams, families of common equivalent fractions. Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.	

Spring 2	<p>Count up and down in hundredths.</p> <p>Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</p> <p>Recognise and write decimal equivalents on any number of tenths or hundredths.</p>	Add and subtract fractions with the same denominator.	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.	Compare numbers with the same number of decimal places up to two decimal places.	Round decimals with one decimal place to the nearest whole number.	Find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.	
Summer 1	Find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.	Solve simple measure and money problems involving fractions and decimals to two decimal places.	Estimate, compare and calculate different measures, including money in pounds and pence.	Read, write, and convert time between analogue and digital 12- and 24-hour clocks.	<p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p> <p>Convert between hours and minutes.</p>	<p>Interpret and present discrete data using appropriate graphical methods, including:</p> <ul style="list-style-type: none"> • bar charts • time graphs 	
Summer 2	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables, and other graphs.	END OF YEAR ASSESSMENT	<p>Identify and name different triangles (isosceles, equilateral, scalene) and quadrilaterals (parallelogram, rhombus, trapezium).</p> <p>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</p>	Identify acute and obtuse angles and compare and order angles up to two right angles by size.	<p>Complete a simple symmetric figure with respect to a specific line of symmetry.</p> <p>Identify lines of symmetry in 2D shapes presented in different orientations.</p>	<p>Describe positions on a 2D grid as coordinates in the first quadrant.</p> <p>Describe movements between positions as translations of a given unit to the left/right and up/down.</p> <p>Plot specified points and draw sides to complete a given polygon.</p>	END OF TERM MATHS/ CATCH UP WEEK

TEACH THROUGH ROMANS TOPIC UNIT

- Read Roman Numerals to 100 (I to C) and understand that over time, the numeral system changed to include the concept of zero and place value.