

## Holy Family Catholic Primary School Y3 Maths Overview

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Number</b> Number and Place Value Addition and Subtraction	<b>Number</b> Addition and Subtraction Multiplication and Division	<b>Fractions</b>	<b>Measurement</b>	<b>Geometry</b> Properties of shapes Position and direction	<b>Statistics</b>
<p><i>Count in multiples of 4, 8, 50 and 100; finding 10 or 100 more or less than a given number.</i></p> <p><i>Recognise the place value of each digit in a three - digit number (hundreds, tens and ones)</i></p> <p><i>Compare and order numbers to 1000</i></p> <p><i>Identify, represent and estimate numbers using different representations.</i></p> <p><i>Read and write numbers up to 1000 in numerals and words</i></p> <p><i>Add and subtract numbers mentally, including: A three-digit number and ones A three digit number and tens A three digit number and hundreds</i></p>	<p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</p> <p>Solve number problems and practical problems involving the ideas from number and place value.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction</p> <p><i>Recall and use multiplication and division facts for 3, 4 and 8 multiplication tables</i></p> <p>Write and calculate mathematical statement</p>	<p><i>Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and dividing one-digit numbers or quantities by 10</i></p> <p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators</p> <p><i>Compare and order unit fractions, and fractions with the same denominators</i></p>	<p>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p> <p>Measure the perimeter of simple 2-D shapes</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts</p> <p><i>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</i></p> <p><i>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as am/pm, morning, afternoon, noon and midnight</i></p>	<p>Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</p> <p>Recognise that angles are a property of shape or description of a turn</p> <p><i>Identify right angles, recognise that two right angles make a half turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle</i></p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</p>	<p>Interpret and present data using bar charts, pictograms and tables</p> <p>Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts, pictograms and tables</p>

<p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</p> <p>Solve number problems and practical problems involving the ideas from number and place value.</p>	<p>for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing into formal written methods</p> <p>Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which n objects are connected to m objects</p>	<p>Solve problems involving fractions</p>	<p><i>Know the number of seconds in a minute and the number of days in each month, year and leap year</i></p> <p>Compare duration of events, for example to calculate the time taken by particular events or tasks</p>		
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**Continuous objectives:**

Solve number problems and practical problems involving the ideas from number and place value.

Estimate the answer to a calculation and use inverse operations to check answers

Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction

Solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which n objects are connected to m objects

Solve problems involving fractions