



# Holy Family Catholic Primary School

## Year 6 Maths Long Term Plan and Spring Term Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number <b>Place value</b>		Number <b>Addition, subtraction, multiplication and division</b>				Number <b>Fractions A</b>		Number <b>Fractions B</b>		Measurement <b>Converting units</b>	
Spring	<b>Ratio</b>		<b>Algebra</b>		Number <b>Decimals</b>		Number <b>Fractions, decimals and percentages</b>		Measurement <b>Area, perimeter and volume</b>		<b>Statistics</b>	
Summer	Geometry <b>Shape</b>		Geometry <b>Position and direction</b>		<b>Themed projects, consolidation and problem solving</b>							



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### Year 6 – Spring Term

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Number: Ratio	Number: Algebra	Number: Decimals	Number: Fractions, decimals and percentages	Measurement: Area, perimeter and volume	Statistics
<p>Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p> <p>Solve problems involving similar shapes where the scale factor is known or can be found</p>	<p>Use simple formulae</p> <p>Generate and describe linear number sequences</p> <p>Find pairs of numbers that satisfy an equation with two unknowns</p> <p>Enumerate possibilities of combinations of two variables</p> <p>Express missing number problems algebraically</p>	<p>Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p>Multiply 1-digit numbers with up to 2 decimal places by whole numbers</p> <p>Use written division methods in cases where the answer has up to 2 decimal places</p> <p>Solve problems involving addition, subtraction, multiplication and division</p>	<p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <p>Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction</p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</p> <p>Compare and order fractions, including fractions <math>&gt;1</math></p> <p>Solve problems involving the calculation of percentages and the use of percentages for comparison</p>	<p>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</p> <p>Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>), and estimate the area of irregular shapes</p>	<p>Solve comparison, sum and difference problems using information presented in a line graph</p> <p>Complete, read and interpret information in tables, including timetables</p>