



# Holy Family Catholic Primary School

## Year 3/4 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 term	Number <b>Place value</b>  VIEW		Number <b>Addition and subtraction</b>  VIEW			Number <b>Multiplication and division</b>  VIEW						
Autumn term	Number <b>Place value</b>  VIEW			Number <b>Addition and subtraction</b>  VIEW		Measurement <b>Area</b>  VIEW	Number <b>Multiplication and division</b>  VIEW			Consolidation		
Spring term	Number <b>Multiplication and division</b>  VIEW		Measurement <b>Length and perimeter</b>  VIEW		Number <b>Fractions</b>  VIEW		Measurement <b>Mass and capacity</b>  VIEW					
Spring term	Number <b>Multiplication and division</b>  VIEW		Measurement <b>Length and perimeter</b>  VIEW	Number <b>Fractions</b>  VIEW			Number <b>Decimals</b>  VIEW					
Summer term	Number <b>Fractions</b>  VIEW	Measurement <b>Money</b>  VIEW	Measurement <b>Time</b>  VIEW		Geometry <b>Shape</b>  VIEW	Statistics  VIEW			Consolidation			
Summer term	Number <b>Decimals</b>  VIEW	Measurement <b>Money</b>  VIEW	Measurement <b>Time</b>  VIEW	Consolidation	Geometry <b>Shape</b>  VIEW	Statistics  VIEW	Geometry <b>Position and direction</b>  VIEW					



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Year 3/4 – Spring Term							
Number: Multiplication and division		Measurement: Length and perimeter		Number: Fractions		Measurement: Mass and capacity	Number: Decimals
Year 3	Year 4	Year 3	Year 4	Year 3	Year 4	Year 3	Year 4
<p>Recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (Y2)</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</p>	<p>Recognise and use factor pairs and commutativity in mental calculations</p> <p>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></p> <p>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 (Y5)</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</p> <p>Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout</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 3 numbers</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>Convert between different units of measure [for example, kilometre to metre; hour to minute]</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p>	<p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</p> <p>Compare and order unit fractions, and fractions with the same denominators</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators</p>	<p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators (Y3)</p> <p>Recognise and show, using diagrams, families of common equivalent fractions</p> <p>Add and subtract fractions with the same denominator</p>	<p>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</p>	<p>Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10 (Y3)</p> <p>Recognise and write decimal equivalents of any number of tenths or hundredths</p> <p>Compare numbers with the same number of decimal places up to 2 decimal places</p> <p>Find the effect of dividing a 1- or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</p>