

**YEAR 3 Maths Curriculum Objective Overview 2018 -2019**

**AUTUMN**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Number: Place Value			Number: Addition and Subtraction					Number: Multiplication and Division				Consolidation	Consolidation
<p>Identify, represent and estimate numbers using different representations</p> <p>Find 10 or 100 more or less than a given number</p> <p><b>Recognise the place value of each digit in a three digit number (hundreds, tens and ones)</b></p> <p><b>Compare and order number up to 1000</b> Read and write numbers up to 1000 in numerals and in words</p> <p>Solve number problems and practical problems involving these ideas</p> <p>Count from 0 in multiples of 4, 8, 50 and 100</p>			<p><b>Add and subtract numbers mentally including ; a three digit number and ones; a three digit number and tens; a three digit number and hundreds</b></p> <p><b>Add and subtract numbers with up to three digits using formal written methods of columnar addition and subtraction</b></p> <p>Estimate the answer to a calculation and use inverse operation to check answers</p> <p><b>Solve problems including missing number problems, using number facts, place value and more complex addition and subtraction</b></p>					<p>Count from 0 in multiples of 4, 8, 50 and 100.</p> <p><b>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</b></p> <p><b>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</b></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 objectives.</p>					

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**SPRING**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions		Consolidation
<p><b>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</b></p> <p><b>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</b></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 objectives.</p>			<p><b>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</b></p>	<p><b>Interpret and present data using bar charts, pictograms and tables.</b></p> <p>Solve one-step and two-step questions [for example, ‘How many more?’ and ‘How many fewer?’] using information presented in scaled bar charts and pictograms and tables.</p>		<p><b>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</b></p> <p>Measure the perimeter of simple 2D shapes.</p>			<p><b>Count up and down in tenths;</b></p> <p><b>Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</b></p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p><b>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</b></p> <p>Solve problems that involve all of the above.</p>		

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**SUMMER**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Fractions			Measurement: time			Geometry: properties of shape		Measurement: Mass and Capacity			Consolidation
<p><b>Recognise and show, using diagrams, equivalent fractions with small denominators.</b></p> <p>Compare and order unit fractions, and fractions with the same denominators.</p> <p>Add and subtract fractions with the same denominator within one whole</p> <p>Solve problems that involve all of the above.</p>			<p><b>Tell and write the time from an analogue clock, including using Roman numerals from I to XII and 12-hour and 24-hour clocks.</b></p> <p>Estimate and read time with increasing accuracy to the nearest minute.</p> <p>Record and compare time in terms of seconds, minutes and hours. Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year.</p> <p>Compare durations of events [for example to calculate the time taken by particular events or tasks].</p>			<p>Recognise angles as a property of shape or a description of a turn.</p> <p><b>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.</b></p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</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><b>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</b></p>			