



## Leasowes Primary School Maths Curriculum Overview



Year Group: 6	1 <sup>st</sup> Half term		2 <sup>nd</sup> Half Term	
<b>Autumn</b>	<p style="text-align: center;"><b>Number and Place Value</b> Ordering and rounding 7-digit numbers</p> <p style="text-align: center;"><b>Four Operations</b> Formal methods for addition, subtraction, long multiplication and division,</p> <p style="text-align: center;"><b>Properties of Shapes</b> Building 3d shapes, nets of open and closed cubes</p>	<p style="text-align: center;"><b>Fractions</b> Ordering, equivalent, simplifying, adding and subtracting fractions and mixed numbers</p> <p style="text-align: center;"><b>Four Operations</b> Solving Problems using long multiplication and division</p> <p style="text-align: center;"><b>Position and Direction</b> Using coordinates to locate translate and reflect shapes</p>	<p style="text-align: center;"><b>Fractions, Decimals and Percentages</b> Equivalences between fractions decimals and percentages, calculating percentage of whole numbers</p> <p style="text-align: center;"><b>Measurement</b> Converting units of length, including miles to kilometres</p>	<p style="text-align: center;"><b>Ratio and Proportion</b> Use of ratio language, ratio and proportion language, scale factors</p> <p style="text-align: center;"><b>Measurement</b> Converting units of time, solving time problems</p> <p style="text-align: center;"><b>Four Operations</b> Negative numbers, order of operations</p>
<b>Spring</b>	<p style="text-align: center;"><b>Four Operations</b> Multiplying and dividing decimals</p> <p style="text-align: center;"><b>Algebra</b> Formulae and number sequences, unknown variables</p> <p style="text-align: center;"><b>Properties of Shape</b> Angles in triangles, quadrilaterals, opposite angles and angles around a point</p> <p style="text-align: center;"><b>Fractions</b> Multiplying and dividing fractions, solving fraction problems</p>	<p style="text-align: center;"><b>Measurement</b> Perimeter and area of 2d shapes, area of triangles and parallelograms</p> <p style="text-align: center;"><b>Four Operations</b> Solving problems applying all knowledge</p> <p style="text-align: center;"><b>Properties of Shape</b> Circles: Identifying radius, diameter and circumference</p> <p style="text-align: center;"><b>Fractions, Decimals and Percentages</b> Solving Problems applying all knowledge</p>	<p style="text-align: center;"><b>Statistics</b> Finding the Mean, using line graphs and pie charts</p> <p style="text-align: center;"><b>Four Operations</b> Solving problems applying all knowledge</p> <p style="text-align: center;"><b>Measurement</b> Converting units of capacity, volume of cubes and cuboids, calculating volume and finding missing lengths</p>	<p style="text-align: center;"><b>Algebra</b> Solving algebra problems, linear equations, alternative solutions</p> <p style="text-align: center;"><b>Fractions, Decimals and Percentages</b> Solving Problems applying all knowledge</p> <p style="text-align: center;"><b>Position and Direction</b> Using coordinates to plot, locate and translate shapes in four quadrants</p>
<b>Summer</b>	<p style="text-align: center;"><b>Measurement</b> Revision of mass, converting between grams and kilograms, converting between metric and imperial</p> <p style="text-align: center;"><b>Four Operations</b> Solving problems applying all knowledge</p> <p style="text-align: center;"><b>Fractions, Decimals and Percentages</b> Solving Problems applying all knowledge</p>	<p style="text-align: center;"><b>Statistics</b> Carrying out surveys constructing tally, tables and pie charts</p> <p style="text-align: center;"><b>Revision</b> Child led revision activities</p>	<p style="text-align: center;"><b>Themed Projects, Consolidation and Problem Solving</b> Enterprise, Profit and Loss, Volume Problems, Cookery Problems, value for money</p>	