

**YEAR 5 LONG TERM MATHS PLAN 2023-2024**

**Autumn 1**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Introductory Activities	<b>Place Value &amp; Negative Numbers</b> <ul style="list-style-type: none"><li>Numbers to 1,000,000</li><li>Negative no.s</li><li>Rounding</li></ul>			<b>Addition &amp; Subtraction</b> <ul style="list-style-type: none"><li>Written (more than 4 digits)</li><li>Mental add &amp; sub</li><li>Rounding to check answers</li><li>Multi-step problems</li></ul>		<b>Multiplication &amp; Division</b> <ul style="list-style-type: none"><li>Multiples &amp; factors</li><li>Prime &amp; composite no.s</li><li>Square &amp; cube no.s</li></ul>

**Autumn 2**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
<b>Multiplication &amp; Division</b> <ul style="list-style-type: none"><li>Mult &amp; div whole numbers by 10, 100, 1000</li><li>Mental mult &amp; div</li><li>Written mult (up to 4-digit by 2-digit)</li><li>Written div (up to 4-digit by 1-digit)</li></ul>	Assessment Week	<b>Fractions</b> <ul style="list-style-type: none"><li>Equivalent fractions</li><li>Compare &amp; order fractions</li><li>Add and sub fractions (same and multiple denom.)</li><li>Convert between mixed no.s &amp; improper fractions</li></ul>		<b>Perimeter &amp; Area</b> <ul style="list-style-type: none"><li>Perimeter of composite rectilinear shapes</li><li>Calculate &amp; compare the area of rectangles</li><li>Estimate the area of irregular shapes</li><li>Solve problems involving measure</li></ul>		<b>Converting Units</b> <ul style="list-style-type: none"><li>Convert metric units</li><li>Approx. convert imperial units</li></ul>	<b>Position &amp; Direction</b> <ul style="list-style-type: none"><li>Reflect &amp; translate shapes in 1<sup>st</sup> quadrant</li><li>Introduce 4-quadrant grids</li></ul>

**Spring 1**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Converting Units</b> <ul style="list-style-type: none"><li>Convert time units</li><li>Solve problems involving measure</li></ul>	<b>Statistics</b> <ul style="list-style-type: none"><li>Reading &amp; interpreting line graphs</li><li>Completing, reading &amp; interpreting tables &amp; timetables</li></ul>		<b>Fractions</b> <ul style="list-style-type: none"><li>Compare &amp; order fractions</li><li>Add and sub fractions (same and multiple denom.)</li><li>Convert between mixed no.s &amp; improper fractions</li></ul>		Assessment Week

**Spring 2**

Week 1	Week 2	Week 3	Week 4	Week 5
<b>Decimals &amp; Percentages</b> <ul style="list-style-type: none"><li>Round decimals</li><li>Order &amp; compare decimals</li><li>Solve problems up to 3 decimal places Convert between f,d,p</li><li>Solve problems abut f,d,p</li></ul>		<b>Properties of Shapes</b> <ul style="list-style-type: none"><li>Identify 2-D &amp; 3-D shapes</li><li>Estimate, compare, draw &amp; measure angles</li><li>Use angles to deduce facts about shapes</li></ul>		

**Summer 1**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Decimals</b> <ul style="list-style-type: none"><li>Round decimals</li><li>Order &amp; compare decimals</li><li>Solve problems up to 3 decimal places</li><li>Mult &amp; div decimals by 10, 100, 1000</li></ul>		<b>Volume</b> <ul style="list-style-type: none"><li>Estimate volume &amp; capacity</li><li>Solve problems involving measure</li></ul>	<b>Position &amp; Direction</b> <ul style="list-style-type: none"><li>Describe and complete reflections &amp; translations</li></ul>	<b>Fractions</b> <ul style="list-style-type: none"><li>Convert between decimals &amp; fractions</li><li>Add and sub fractions (same and multiple denom.)</li><li>Convert between mixed no.s &amp; improper fractions</li><li>Mult proper fractions and mixed numbers by whole numbers</li></ul>	

**Summer 2**

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Assessment Week	<b>Multiplication &amp; Division</b> <ul style="list-style-type: none"><li>Mult &amp; div by 10, 100, 1000 (inc. decimals)</li><li>Mental mult &amp; div</li><li>Written mult (up to 4-digit by 2-digit)</li><li>Written div (up to 4-digit by 1-digit) with remainders</li><li>Solve problems involving mult &amp; div</li></ul>			Consolidation	Preparing for Year 6	

**Number**

**Measurement**

**Geometry**

**Statistics**

**Ratio &  
Proportion**

**Algebra**