

Year 6 Maths Learning 2024/25

Week / Term	AM / PM	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	AM	Number: Place Value		Number: Addition, Subtraction, Multiplication and Division			Number: Fractions						Assessment
Spring	AM	Number: Decimals		Number: Fractions, Decimals and Percentages		Number: Ratio		Number: Algebra		Geometry: Shape			
	Monday PM	Measure: converting units						Measure: Area, perimeter and volume					
	Tuesday PM	Statistics						Geometry: Position and Direction					
Summer	AM	Consolidation			Assessment		Investigations						

## Maths Small Steps: Year 6 Autumn Term

Number: Place Value	Number: Four Operations including Decimal	Number: Fractions	Number: Ratio
<ul style="list-style-type: none"> <li>• Numbers to ten million</li> <li>• Compare an order any number</li> <li>• Round any numbers</li> <li>• Negative numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Reasoning from known facts</li> <li>• Multiply up to 4-digit by 1-digit number</li> <li>• Short division.</li> <li>• Division using factors</li> <li>• Long division</li> <li>• Common factors</li> <li>• Common multiples</li> <li>• Primes</li> <li>• Squares and cubes</li> <li>• Order of operations</li> <li>• Mental calculations and estimation</li> <li>• Reasoning from known facts</li> <li>• Add and subtract whole numbers</li> <li>• Three decimal places</li> <li>• Multiply by 10, 100 and 1,000</li> <li>• Divide by 10, 100 and 1,000</li> <li>• Multiply decimals by integers</li> <li>• Divide decimals by integers</li> <li>• Division to solve problems</li> </ul>	<ul style="list-style-type: none"> <li>• Simplify fractions</li> <li>• Fractions on a number line</li> <li>• Compare &amp; order (denominator)</li> <li>• Compare &amp; order (numerator)</li> <li>• Adding fractions</li> <li>• Subtracting fractions</li> <li>• Mixed addition and subtraction</li> <li>• Multiply fractions by integers</li> <li>• Multiply fractions by fractions</li> <li>• Divide fractions by integers</li> <li>• Four rules with fractions</li> <li>• Fraction of an amount</li> <li>• Finding the whole</li> <li>• Decimals as fractions</li> <li>• Fractions to decimals</li> </ul>	<ul style="list-style-type: none"> <li>• Use ratio language</li> <li>• Ratio and fractions</li> <li>• Introducing the ratio symbol</li> <li>• Calculating ratio</li> <li>• Using scale factors</li> <li>• Calculating scale factors</li> <li>• Ratio and proportion</li> </ul>

Maths Small Steps: Year 6 Spring Term

Number: Algebra	Number: Percentages	Geometry: Properties of shape and position & direction	Measurement: converting units, perimeter, volume, area	Number: Statistics
<ul style="list-style-type: none"> <li>• Use an algebraic rule</li> <li>• Substitution</li> <li>• Formulae</li> <li>• Word problems</li> <li>• Solve simple one step equations</li> <li>• Solve two step equations</li> <li>• Find pairs of values</li> <li>• Enumerate Possibilities</li> </ul>	<ul style="list-style-type: none"> <li>• Fractions to percentages</li> <li>• Equivalent FDP</li> <li>• Percentage of an amount</li> <li>• Percentages missing values</li> <li>• Percentage increase and decrease</li> <li>• Order FDP</li> </ul>	<ul style="list-style-type: none"> <li>• Measure with a protractor</li> <li>• Introduce angles</li> <li>• Calculate angles</li> <li>• Vertically opposite angles</li> <li>• Angles in a triangle</li> <li>• Coordinates in the first quadrant</li> <li>• Coordinate in four quadrants</li> <li>• Translations</li> <li>• Reflections</li> </ul>	<ul style="list-style-type: none"> <li>• Metric measures</li> <li>• Convert metric measures</li> <li>• Calculate with metric measures</li> <li>• Miles and kilometres</li> <li>• Imperial measures</li> <li>• Shapes same area</li> <li>• Area and perimeter</li> <li>• Area of a parallelogram</li> <li>• Volume counting cubes</li> <li>• Volume of a cuboid</li> </ul>	<ul style="list-style-type: none"> <li>• Read and interpret line graphs</li> <li>• Draw line graphs</li> <li>• Use line graphs to solve problems</li> <li>• Circles</li> <li>• Read and interpret pie charts</li> <li>• Pie charts with percentages</li> <li>• Draw pie charts</li> <li>• The mean</li> </ul>