

## Year 6 Mathematics Overview Mastery Approach

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Focus</b>	<b>Place Value +/-</b>	<b>Place Value x/÷</b>	<b>Fractions</b>	<b>Properties of Shape / Ratio and Proportion</b>	<b>Data Handling &amp; Statistics</b>	<b>Measurement</b>
Number	<b>Place Value</b> Rounding Using, and calculating with, negative numbers Decimals	<b>Number properties</b> Common factors, common multiples, squares and primes Powers of 10	<b>Solving problems</b> with rounding Finding equivalences with fractions, decimals and percentages			<b>Review</b> Achieve mastery in all areas of calculation
Calculation	<b>Add/Subtract</b> Solve multistep problems Using standard methods Estimate and check Algebra	<b>Multiply/Divide</b> Standard written methods including 2 decimal places Interpreting remainders Estimate and check Algebra	<b>Calculating</b> with fractions Algebra	<b>Properties of shape</b> Calculate unknown angles <b>Ratio</b> Solve problems involving calculation of percentages	<b>Pie charts</b> , and averages Problem solving	
Fractions			<b>Place Value</b> Rounding Using, and calculating with, negative numbers	<b>Ratio</b> Solve problems involving unequal sharing		
Shape & Measure	<b>Measurement</b> Use, read, write and convert between standard unit	<b>Reasoning</b> Calculating area, regular polygons, triangles		<b>Properties</b> Compare and classify geometric shapes,		<b>Measurement</b> Use, read, write and convert between standard unit
Data				<b>Transformation</b> Draw, translate and reflect shapes	<b>Line graphs</b> Problem solving	
Reasoning	<b>Achieve mastery through a diverse range of problem solving tasks and investigations.</b>					

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