

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Autumn 1	Week of inspirational Maths	Place Value Steps 1-6 Week 2 - Year 6 Baselines		A,S,M and D Steps 1-6		Fractions A Steps 1-4	Position and Direction Steps 1-5	Place value Steps 7 and 8 A,S,M and D Steps 7-8
Autumn 2	A,S,M and D Steps 9-13	Shape Steps 1-8		Fractions A Steps 5-9	A,S,M and D Steps 14-17 Week 5 - Year 6 tests	Fractions B Steps 1-7		Christmas Holiday
Spring 1	Ratio Steps 1-4	Decimals Steps 1-9		Fractions, Decimals, Percentages Steps 1-9		Area, Perimeter, Volume Steps 7-8	Half term	
Spring 2 Assessment Term	Ratio Steps 6-10	Area, Perimeter, Volume Steps 1-6 Week 3 - Mock SATs week		Fractions consolidation	Statistics Steps 1-6		Converting Units Steps 1-5	Half term
Summer 1	Shape Steps 9-11	Revision	SATS (12 th - 15 th May)	Fiver Challenge	Half Term			
Summer 2 Assessment Term	Algebra Steps 1-10			Themed Projects, Consolidation and Problem Solving				Summer Holiday

Year 6 Long Term Maths Plan (Spiral Curriculum linked to White Rose small steps coverage)

Number and Place Value	Addition and Subtraction Multiplication and Division	Fractions	Geometry
<p>6NPV-1 Understand the relationship between powers of 10 from 1 hundredth to 10 million and use this to make a given number, 10, 100, 1,000, 1 tenth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000).</p> <p>Autumn 1 - Step 10</p>	<p>6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).</p> <p>Autumn 2 - steps 1, 5, 6, 7, 8, 9, 10</p>	<p>6F-1 Recognise when fraction can be simplified and use common factors to simplify fractions.</p> <p>Autumn 1 - steps 1 to 2</p>	<p>6G-1 - Draw and decompose shapes according to given properties including dimensions, angles and area and solve related problems..</p> <p>Autumn 1 - steps 1 to 6 Summer 1 steps - 7, 8, 10</p>
<p>6NPV-2 Recognise the place value of each digit in numbers up to 10 million including decimals, fractions and compose and decompose numbers up to 10 million using standard and non-standard partitioning.</p> <p>Autumn 1 - Steps 1 to 3</p>	<p>6AS/MD-2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place value understanding.</p> <p>Autumn 2 - steps 8, 10, 13, 14, 17</p>	<p>6F-2 Express fractions in a common denomination and use this to compare fractions that are similar</p> <p>Autumn 1 - step 3</p>	
<p>6NPV-3 Reason about the location of any numbers up to 10 million, including decimal fractions in the linear number system and round numbers, as appropriate including in contexts</p> <p>Autumn 1 - Steps 6 & 7</p>	<p>6AS/MD-3 Solve problems involving ratio relationships.</p> <p>Spring 2 - steps 5 to 10</p>	<p>6F-3 Compare fractions with different denominators including fractions greater than 1 using reasoning and choose between reasoning and common denomination as a comparison strategy.</p> <p>Autumn 1 - step 3 and 4</p>	

<p>6NPV-4 Divide powers of 10 from 1 hundredth to 10 million into 2, 4, 5 and 10 equal parts and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.</p> <p>Autumn 1 - step 5 Autumn 1 - step 2</p>	<p>6AS/MD-4 – Solve problems with 2 unknowns.</p> <p>Summer 2 - steps 9 to 10</p>		
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Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number and Place					
	<p>6NPV-1 Understand the relationship between powers of 10 from 1 hundredth to 10 million and use this to make a given number, 10, 100, 1,000, 1 tenth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000).</p>				
	<p>6NPV-2 Recognise the place value of each digit in numbers up to 10 million including decimals, fractions and compose and decompose numbers up to 10 million using standard and non-standard partitioning.</p>				
	<p>6NPV-3 Reason about the location of any numbers up to 10 million, including decimal fractions in the linear number system and round numbers, as appropriate including in contexts</p>				

	<p>6NPV-4 Divide powers of 10 from 1 hundredth to 10 million into 2, 4, 5 and 10 equal parts and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.</p>				
Addition, Subtraction, Multiplication and Division					
	<p>6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).</p>	<p>6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).</p>			
	<p>6AS/MD-2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships and place value understanding.</p>				
		<p>6AS/MD-3 Solve problems involving ratio relationships</p>			
		<p>6AS/MD-4 – Solve problems with 2 unknowns.</p>			
Fractions					
	<p>6F-1 Recognise when fraction can be simplified and use</p>				

	common factors to simplify fractions.				
	6F-2 Express fractions in a common denomination and use this to compare fractions that are similar.				
	6F-3 Compare fractions with different denominators including fractions greater than 1 using reasoning and choose between reasoning and common denomination as a comparison strategy.				
Geometry					
			6G-1 - Draw and decompose shapes according to given properties including dimensions, angles and area and solve related problems..		
	At the assessment point at least 9 stars are available		At the assessment point up to 16 stars are available		At the assessment point up to 22 stars are available