

## Year 4 Long Term Maths Plan (Spiral Curriculum linked to White Rose small steps coverage)

	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 1-13			Addition and Subtraction Steps 1-7		Multiplication and Division <b>B</b> (By 10 and 100 Steps 3 to 6)	Place Value Steps 14-17
Autumn 2 Assessment Term	Addition and subtraction Steps 8-10	Shape Steps 1-3	Multiplication and Division <b>A</b> Steps 1-13 <b>Week 5 - PUMA assessments</b>			Area Steps 1-4		Christmas Holiday
Spring 1	Addition and subtraction consolidation	Length and Perimeter Steps 1-9		Fractions Steps 1-10		Shape Steps 4-6	Half term	
Spring 2	Fractions Steps 11-15	Decimals <b>A</b> Steps 1-10		Time Steps 1-5	Multiplication and Division <b>B</b> Steps 1 and 2	Multiplication and Division <b>B</b> Steps 7-15		Half term
Summer 1	Place value consolidation	Money Steps 1-6	Position and direction Steps 1-5	Multiplication and division consolidation	Half term			
Summer 2 Assessment Term	Ready to progress (Consolidation)	Decimals <b>B</b> Steps 1-8 <b>Week 3 - PUMA assessments</b>		Shape Steps 7-8	Statistics Steps 1-4	Ready to progress (Consolidation)		Summer Holiday

Red indicates when it is taught

Number and Place Value	Number facts	Multiplication and Division	Fractions	Geometry
<p>4NPV-1 Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100;  <b>Autumn 1 - step 4</b>  <b>Autumn 1 - steps 3 to 6</b></p>	<p>4NF-1 Recall multiplication and division facts up to <math>12 \times 12</math>, and recognise products in multiplication tables as multiples of the corresponding number.  <b>Autumn 2 - Steps 1 to 13</b>  <b>Spring 2 - Steps 1, 2, 7, 8, 9 &amp; 10</b></p>	<p>4MD-1 Multiply and divide whole numbers by 10 and 100 (keeping to whole number quotients); understand this as equivalent to making a number 10 or 100 times the size.  <b>Autumn 1 - steps 4 to 6</b>  <b>Spring 2 step 10</b></p>	<p>4F-1 Reason about the location of mixed numbers in the linear number system.  <b>Spring 1 - steps 4 &amp; 5</b></p>	<p>4G-1 Draw polygons, specified by coordinates in the first quadrant, and translate within the first quadrant - <b>Summer 1 - steps 3 to 4</b></p>
<p>To identify and work out how many 100s there are in other four-digit multiples of 100. <b>Autumn 1</b></p>	<p>4NF-3 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 100)  <b>Autumn 1 - steps 4 to 6</b>  <b>Autumn 2 step 10</b></p>	<p>4MD-2 Manipulate multiplication and division equations and understand and apply the commutative property of multiplication.  <b>Autumn 2 - steps 1 to 13</b></p>	<p>4F-2 Convert mixed numbers to improper fractions and vice versa.  <b>Spring 1 - steps 7 to 8</b></p>	<p>4G-2 Identify regular polygons, including equilateral triangles and squares, as those in which the side-lengths are equal and the angles are equal.  <b>Spring 1 - steps 4 to 6</b></p>
<p>4NPV-3 Reason about the location of any four-digit number in the linear number system, including identifying the previous and next multiple of 1,000 and</p>		<p>4MD-3 Understand and apply the distributive property of multiplication.  <b>Autumn 2 - steps 8 to 10</b></p>	<p>4F-3 Add and subtract improper and mixed fractions with the same denominator, including bridging whole numbers.  <b>Spring 1 - steps 12 to 15</b></p>	<p>4G-3 Identify line symmetry in 2D shapes presented in different orientations. Reflect shapes in a line of symmetry and complete a symmetric figure or pattern</p>

<p>100. Autumn 1 - steps 8 to 12</p>				<p>with respect to a specified line of symmetry. Summer 2 - steps 7 to 8</p>
<p>Rounding whole numbers to the nearest 10, 100 and 1,000 Autumn 1 - steps 14 - 17</p>				<p>4G-4 Find the perimeter of regular and irregular polygons. Spring 1 - steps 8 to 9</p>
<p>4NPV-2 Recognise the place value of each digit in four-digit numbers and compose and decompose four-digit numbers using standard and nonstandard partitioning. Autumn 1 - steps 5 to 7</p>				
<p>4NPV-4 Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts. Autumn 1 - steps 9 to 10</p>				



