



Year 6			
Week	Autumn	Spring	Summer
1	<p>Place Value</p> <p>WALT: read and write numbers up to 10 million</p> <p>WALT: multiplying and dividing by 10 (steps 1-5)</p> <p>Basic Skills > Counting > Reading Numbers step 10</p> <p>Basic Skills > Calculation > Multiplication stps 17-19</p>	<p>Ratio</p> <p>WALT: understand ratio and the relationship with fractions (steps 1-4)</p> <p>Wider Maths > Fractions > Ratio steps 9-14</p>	<p>Shape (move to afternoon sessions before SATS)</p> <p>WALT: draw 2-D shapes using given dimensions and angles</p> <p>WALT: recognise, describe and build simple 3-D shapes, including making nets (steps TBC)</p> <p>Wider Maths > Shape > Explore and Draw steps 25-30</p> <p>Wider Maths > Shape > 2D Shapes steps 26-28</p> <p>Wider Maths > Shape > 3D Shapes steps 24-30</p>
2	<p>Place Value</p> <p>WALT: compare, order and round any integers</p> <p>WALT: calculate negative numbers (steps 6-8)</p> <p>Basic Skills > Counting > Counting Along Scales Step 7</p>	<p>Ratio</p> <p>WALT: using ratio to answer real life problems (steps 5-10)</p> <p>Wider Maths > Fractions > Ratio steps 9-14</p>	<p>Shape (move to afternoon sessions before SATS)</p> <p>WALT: compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</p> <p>WALT: recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. (steps TBC)</p> <p>Shape: 2D Shapes: Step 28</p>
3	<p>Addition, Subtraction, multiplication and division</p> <p>WALT: add and subtract integers</p> <p>WALT: identifying factors and multiples</p>	<p>Algebra</p> <p>WALT: to solve 1 and 2 step equations (steps 1-10)</p>	<p>Shape (move to afternoon sessions before SATS)</p>

	(steps 1-3) BEAT THAT Basic Skills > Calculation > Addition steps 39-41 Basic Skills > Calculation > Subtraction step 37	BEAT THAT Wider Maths > Dangerous Maths > Algebra steps 15-22	WALT: illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius (steps TBC) BEAT THAT Shape: 2D Shapes: Step 26
4	Addition, Subtraction, multiplication and division WALT: understand which numbers are divisible and which are prime WALT: understand square and cube numbers (steps 4-6) Basic Skills > It's Nothing New > Multiple-Factor-Prime steps 1-4	Algebra WALT: to solve 1 and 2 step equations (steps 1-10) Wider Maths > Dangerous Maths > Algebra steps 15-22	Position and direction (move to afternoon sessions before SATS) WALT: describe positions on the full coordinate grid (all four quadrants) WALT: draw and translate simple shapes on the coordinate plane, and reflect them in the axes. (steps TBC) Wider Maths > Shape > Position and Direction steps 30 - 38
5	Addition, Subtraction, multiplication and division WALT: multiply a 4-digit number by a 2-digit number WALT: solve problems with multiplication (steps 7-8) Basic Skills > Calculation > Multiplication steps 17-19 Basic Skills > Column Methods > Multiplication - Column Methods steps 7-11	Decimals WALT: recognise, round, add and subtract decimals (steps 1-4) Basic Skills > Counting > Mastery of Numbers step 10	Themed projects, consolidation and problem solving
6	Addition, Subtraction, multiplication and division WALT: divide using factors	Decimals	

	<p>WALT: use long and short division</p> <p>WALT: solve problems with division</p> <p>(steps 9-13)</p> <p>BEAT THAT</p> <p>Basic Skills > Calculation > Division steps 32-33</p> <p>Basic Skills > Column Methods > Division - Column Methods steps 8-10</p>	<p>WALT: multiply and divide decimals by 10, 100 and 1000</p> <p>WALT: multiply and divide decimals by integers</p> <p>(steps 5-9)</p> <p>Basic Skills > It's Nothing New > Multiplying by 10 recap Yr 5 3-5</p> <p>Recap Basic Skills > It's Nothing New > Dividing by 10 steps 1-4</p> <p>Basic Skills > Calculation > Division steps 32-33</p>	
7	<p>Addition, Subtraction, multiplication and division</p> <p>WALT: solve multi-step problems</p> <p>(steps 14-17)</p> <p>Basic Skills > Column Methods > Division - Column Methods steps 8-10</p>	<p>Fraction, decimals and percentages</p> <p>WALT: understand fractions and division and percentages</p> <p>(steps 1-4)</p> <p>WALT: find the percentage of an amount</p> <p>(steps 7-9)</p> <p>Wider Maths > Fractions > Percentages step 7-14</p>	
8	<p>Fractions</p> <p>WALT: simplify equivalent fractions</p> <p>WALT: compare and order denominators and numerators</p> <p>(steps 1-4)</p> <p>Wider Maths > Fractions > Fractions of a Whole steps 18-20</p> <p>Wider Maths > Fractions > Fractions of a Set step 14</p>	<p>Fraction, decimals and percentages</p> <p>WALT: understand equivalent fractions, decimals and percentages</p> <p>WALT: order fractions, decimals and percentages</p> <p>(steps 5-6)</p> <p>Wider Maths > Fractions > Percentages step 7-14</p>	
9	Fractions	Perimeter, Area and volume	

	<p>WALT: add and subtract fractions</p> <p>WALT: solve multi-step problems</p> <p>(steps 5-9)</p> <p>BEAT THAT</p> <p>Wider Maths > Fractions > Fractions: Calculation steps 18-28</p>	<p>WALT: calculate the perimeter of a shape</p> <p>WALT: calculate the area of any triangle</p> <p>(steps 2-5)</p> <p>BEAT THAT</p> <p>Wider Maths > Amounts > Amounts of Space steps 29-32</p>	
10	<p>Fractions</p> <p>WALT: multiply and divide fractions by integers and fractions</p> <p>(steps 1-4)</p> <p>Wider Maths > Fractions > Fractions: Calculation steps 18-28</p>	<p>Perimeter, Area and volume</p> <p>WALT: calculate the area of parallelogram</p> <p>WALT: calculate the volume of a cuboid</p> <p>(steps 1, 6, 7 and 8)</p> <p>Wider Maths > Amounts > Amounts of Space steps 29-32</p>	
11	<p>Fractions</p> <p>WALT: calculate fractions of an amount</p> <p>WALT: answer mixed questions with fractions</p> <p>(steps 5-7)</p> <p>Wider Maths > Fractions > Fractions: Calculation steps 18-28</p>	<p>Statistics</p> <p>WALT: interpret and draw line graphs and bar charts</p> <p>WALT: calculate the mean</p> <p>(steps 1, 2 and 6)</p> <p>Wider Maths > Explaining Data > Line Graphs steps 7-11</p>	
12	<p>Converting units</p> <p>WALT: convert different units of measure</p> <p>(steps 1-5)</p>	<p>Statistics</p> <p>WALT: interpret and draw pie charts using percentages</p>	

	BEAT THAT Wider Maths > Amounts > Amounts of Mass steps 19 and 20	(steps 3-5) BEAT THAT Wider Maths > Explaining Data > Pie Charts steps 1-12	
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SMSC	Calculate whether an answer is wrong	Explore maths in the real world (Money)	Use structured apparatus Develop mathematical reasoning
BV	Discuss their work Explain their reasoning when solving problems	Follow rules for fact families	Decide on the best way to represent their conclusions in a bar chart