



*The Best That We Can Be*

## **Devonshire Primary Academy**

### **Maths Long Term Plan**



<u>Year 3</u>			
Week	Autumn	Spring	Summer
1	<p><b>Place Value</b></p> <p>WALT: represent numbers to 100</p> <p>(steps 1-4 and 8)</p> <p><b>BM Basic Skills &gt; Counting &gt; Place Value steps 2 and 3</b></p>	<p><b>Multiplication and division (Part 2)</b></p> <p>WALT: multiply by 10</p> <p>WALT: problem solve and reason with multiplication</p> <p>(steps 1-3)</p> <p><b>Basic Skills &gt; It's Nothing New &gt; Multiplying by 10 step 1</b></p>	<p><b>Fractions B</b></p> <p>WALT: add and subtract fractions</p> <p>(steps TBC)</p> <p><b>Wider Maths &gt; Fractions &gt; Fractions: Calculation steps 1-3</b></p>
2	<p><b>Place Value</b></p> <p>WALT: represent and estimate numbers to 1000</p> <p>(steps 5-7, 10-11)</p> <p><b>BM Basic Skills &gt; Counting &gt; Count Along in 4 Ways Step 4</b></p> <p><b>Basic Skills &gt; Counting &gt; Counting Along Scales step 4</b></p>	<p><b>Multiplication and division (Part 2)</b></p> <p>WALT: multiply 2-digit by 1-digit (with exchange)</p> <p>(steps 4-6)</p> <p><b>Basic Skills &gt; Column Methods &gt; Multiplication - Column Methods step 1</b></p>	<p><b>Fractions B</b></p> <p>WALT: solve fraction problems</p> <p>(steps TBC)</p> <p><b>Wider Maths &gt; Fractions &gt; Fractions: Calculation steps 1-3</b></p>
3	<p><b>Place Value</b></p> <p>WALT: find 1, 10, 100 more or less</p> <p>(step 9)</p> <p>WALT: compare and order numbers to 1000</p> <p>(steps 12-13)</p> <p><b>BM Basic Skills &gt; Counting &gt; Count Along in 4 Ways Step 4</b></p> <p><b>BEAT THAT</b></p>	<p><b>Multiplication and division (Part 2)</b></p> <p>WALT: divide 2-digit by 1-digit (with remainders)</p> <p>(steps 7-11)</p> <p><b>BEAT THAT</b></p> <p><b>Basic Skills &gt; Column Methods &gt; Multiplication - Column Methods step 1</b></p>	<p><b>Money</b></p> <p>WALT: add money to solve problems</p> <p>(steps TBC)</p> <p><b>BEAT THAT</b></p> <p><b>Wider Maths &gt; Amounts &gt; Amounts of Money steps 13 and 14</b></p>

4	<p>Addition and Subtraction</p> <p>WALT: add and subtract 1s, 10s and 100s (steps 1-4)</p> <p><a href="#">BM Basic Skills &gt; It's Nothing New &gt; INN: Addition and Subtraction recap steps Year 2 1-3</a></p>	<p>Fractions A</p> <p>WALT: understand a fraction (steps 1, 3 and 4)</p> <p><a href="#">Wider Maths &gt; Fractions &gt; Fractions of a Whole steps 9-15</a></p>	<p>Money</p> <p>WALT: subtract money to give change (steps TBC)</p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Money steps 13 and 14</a></p>
5	<p>Addition and Subtraction</p> <p>WALT: add and subtract 1s, 10s across 10 and 100. (steps 6-9)</p> <p><a href="#">BM Basic Skills &gt; It's Nothing New &gt; INN: Addition and Subtraction recap steps Year 2 1-3</a></p>	<p>Fractions A</p> <p>WALT: compare and order fractions WALT: recognise fractions on scales (steps 2, 5, 6 and 7)</p> <p><a href="#">Wider Maths &gt; Fractions &gt; Fractions of a Set steps 9 and 10</a></p>	<p>Time</p> <p>WALT: to tell and write the time in 12-hour and 24-hour (steps TBC)</p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Time steps 20-22</a></p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Time: Telling the Time steps 9-15</a></p>
6	<p>Addition and Subtraction</p> <p>WALT: add and subtract 2 numbers across 10 and 100 (steps 11-16)</p> <p>BEAT THAT</p> <p><a href="#">BM Basic Skills &gt; Calculation &gt; Addition Steps 25-28</a></p> <p><a href="#">Basic Skills &gt; Calculation &gt; Subtraction steps 28-29</a></p> <p><a href="#">Basic Skills &gt; Column Methods &gt; Addition - Column Methods Steps 2-6</a></p> <p><a href="#">Basic Skills &gt; Column Methods &gt; Subtraction - Column Methods steps 2-5</a></p>	<p>Fractions A</p> <p>WALT: count in fractions WALT: find equivalent fractions (steps 8-10)</p> <p><a href="#">Wider Maths &gt; Fractions &gt; Fractions: Counting steps 6-11</a></p> <p><a href="#">Wider Maths &gt; Fractions &gt; Fractions: Calculation steps 1-3</a></p>	<p>Time</p> <p>WALT: compare and estimate time durations (steps TBC)</p> <p>BEAT THAT</p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Time steps 20-22</a></p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Time: Telling the Time steps 9-15</a></p>
7	<p>Addition and Subtraction</p>	<p>Length and perimeter</p>	<p>Time</p>

	<p>WALT: add and subtract 2-digit and 3-digit numbers</p> <p>(steps 17-19)</p> <p><a href="#">BM Basic Skills &gt; Calculation &gt; Addition Steps 25-28</a></p> <p><a href="#">Basic Skills &gt; Calculation &gt; Subtraction steps 28-29</a></p> <p><a href="#">Basic Skills &gt; Column Methods &gt; Addition - Column Methods Steps 2-6</a></p> <p><a href="#">Basic Skills &gt; Column Methods &gt; Subtraction - Column Methods steps 2-5</a></p>	<p>WALT: measure in mm, cm and m</p> <p>(steps 1-4)</p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Distance steps 11-18</a></p>	<p>WALT: consolidate time</p> <p>(steps TBC)</p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Time steps 20-22</a></p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Time: Telling the Time steps 9-15</a></p>
8	<p>Addition and Subtraction</p> <p>WALT: estimate answers and check using the inverse operation</p> <p>(steps 20-22)</p> <p><a href="#">BM Basic Skills &gt; Calculation &gt; Addition Steps 25-28</a></p> <p><a href="#">Basic Skills &gt; Calculation &gt; Subtraction steps 28-29</a></p> <p><a href="#">Basic Skills &gt; Column Methods &gt; Addition - Column Methods Steps 2-6</a></p> <p><a href="#">Basic Skills &gt; Column Methods &gt; Subtraction - Column Methods steps 2-5</a></p>	<p>Length and perimeter</p> <p>WALT: find equivalent lengths</p> <p>WALT: compare lengths with different units</p> <p>(steps 5-7)</p> <p><a href="#">Wider Maths &gt; Amounts &gt; Amounts of Distance steps 11-18</a></p>	<p>Shape</p> <p>WALT: name, describe and draw 2D shapes</p> <p>WALT: name, describe and make 3D shapes</p> <p>(steps TBC)</p> <p><a href="#">Wider Maths &gt; Shape &gt; Explore and Draw steps 15-19</a></p> <p><a href="#">Wider Maths &gt; Shape &gt; 2D Shapes steps 18-20</a></p> <p><a href="#">Wider Maths &gt; Shape &gt; 3D Shapes steps 17-19</a></p>
9	<p>Multiplication and division</p> <p>WALT: learn times tables and their fact families</p> <p>BEAT THAT</p> <p><a href="#">BM Basic Skills &gt; It's Nothing New &gt; INN: Fact Families step 5</a></p>	<p>Length and perimeter</p> <p>WALT: understand, measure and calculate perimeter</p> <p>(steps 10-12)</p> <p>BEAT THAT</p>	<p>Shape</p> <p>WALT: recognise angles, turns and different lines</p> <p>(steps TBC)</p> <p>BEAT THAT</p>

	<a href="#">Basic Skills &gt; It's Nothing New &gt; INN: Multiplication steps 1-3</a> <a href="#">Basic Skills &gt; Learn Its &gt; Learn Its steps 4-12</a>	<a href="#">Wider Maths &gt; Amounts &gt; Amounts of Distance steps 11-18</a>	<a href="#">Wider Maths &gt; Shape &gt; Position and Direction steps 13 and 14</a>
10	<b>Multiplication and division</b> WALT: multiply using arrays WALT: multiply by 2, 5 and 10. (steps 1-4) <a href="#">BM recap Year 1 Basic Skills &gt; Counting &gt; Counting Multiples step 1-3</a> <a href="#">Basic Skills &gt; Calculation &gt; Multiplication steps 10 and 11</a> <a href="#">Basic Skills &gt; Learn Its &gt; Learn Its steps 4-12</a>	<b>Mass and Capacity</b> WALT: measure and compare mass (steps 1-5) <a href="#">Wider Maths &gt; Amounts &gt; Amounts of Space steps 12-14</a>	<b>Statistics</b> WALT: interpret and present data using bar charts, pictograms and tables (steps TBC) <a href="#">Wider Maths &gt; Explaining Data &gt; Diagrams and Table steps 17-20</a> <a href="#">Wider Maths &gt; Explaining Data &gt; Bar Charts steps 4-9</a> <a href="#">Wider Maths &gt; Explaining Data &gt; Line Graphs step 2</a>
11	<b>Multiplication and division</b> WALT: divide using sharing and grouping (divide by 3, 4 and 8) (steps 5, 7, 10 and 13) <a href="#">Basic Skills &gt; Calculation &gt; Multiplication steps 10 and 11</a> <a href="#">Basic Skills &gt; Learn Its &gt; Learn Its steps 4-12</a>	<b>Mass and Capacity</b> WALT: measure and compare capacity and volume (steps 7-10) <a href="#">Wider Maths &gt; Amounts &gt; Amounts of Space steps 12-14</a>	<b>Statistics</b> WALT: solve one-step and two-step questions (steps TBC) <a href="#">Wider Maths &gt; Explaining Data &gt; Diagrams and Table steps 17-20</a> <a href="#">Wider Maths &gt; Explaining Data &gt; Bar Charts steps 4-9</a> <a href="#">Wider Maths &gt; Explaining Data &gt; Line Graphs step 2</a>
12	<b>Multiplication and division</b> WALT: consolidate multiplication and division including problems.	<b>Mass and Capacity</b> WALT: add and subtract mass, capacity and volume (steps 6 and 11)	Consolidate and fill GAPS  <b>BEAT THAT</b>

	(recap all steps)  <u>Basic Skills &gt; Calculation &gt; Multiplication</u> <u>steps 10 and 11</u>  <u>Basic Skills &gt; Learn Its &gt; Learn Its steps 4-12</u>  BEAT THAT	BEAT THAT  <u>Wider Maths &gt; Amounts &gt; Amounts of Space</u> <u>steps 12-14</u>	
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<b>SMSC</b>	Calculate whether an answer is wrong	Explore maths in the real world (Money)	Use structured apparatus  Develop mathematical reasoning
<b>BV</b>	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