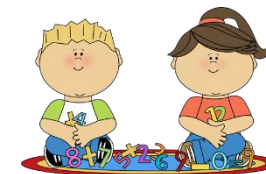


# Year 1 Small Steps Breakdown



Areas of maths such as time, position and direction, times tables, number bonds and shape are to be referred to on a daily basis throughout the year during mental and oral brain breaks.

## Autumn

Week	Focus	Small Steps	National Curriculum Objectives
1-2	Place Value to 10	<ul style="list-style-type: none"> <li>Sort objects, count objects and represent objects using comparative language.</li> <li>Count, read and write forwards and backwards from any number to 0 to 10.</li> <li>Count one more and one less</li> <li>One to one correspondence to start to compare groups</li> <li>Compare groups using language such as equal, more/greater, less/fewer.</li> </ul>	<ul style="list-style-type: none"> <li>Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number.</li> <li>Count, read and write numbers to 10 in numerals and words.</li> <li>Given a number, identify one more or one less.</li> <li>Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.</li> </ul>
3-4	Addition and Subtraction	<ul style="list-style-type: none"> <li>Part-whole model</li> <li>Addition symbol</li> <li>Addition – adding together</li> <li>Addition – adding more</li> <li>Finding a part</li> <li>Subtraction – taking away, how many left? Crossing out</li> <li>Subtraction – taking away, how many left? Introducing the subtraction symbol.</li> <li>Subtraction – counting back</li> </ul>	<ul style="list-style-type: none"> <li>Represent and use number bonds and related subtraction facts within 10.</li> <li>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</li> <li>Add and subtract one digit numbers to 10, including zero.</li> </ul>

5-6	Geometry Shape and patterns	<ul style="list-style-type: none"> <li>• Recognise and name 2D shapes</li> <li>• Sort 2D shapes</li> <li>• Recognise and name 3D shapes</li> <li>• Sort 3D shapes</li> <li>• Patterns with 3D and 2D shapes</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise and name common 2D shapes, including rectangles, circles and triangles.</li> <li>• Recognise and name common 3D shapes including cuboids, pyramids and spheres.</li> </ul>
7-8	Place Value to 20	<ul style="list-style-type: none"> <li>• Count forwards and backwards and write numbers to 20 in numerals and words.</li> <li>• Numbers from 11 to 20</li> <li>• Tens and ones</li> <li>• Count one more and one less</li> <li>• Compare numbers</li> <li>• Introduce q, G and = symbols</li> <li>• Introduce the number line</li> <li>• Order groups of objects</li> <li>• Order numbers</li> <li>• Ordinal numbers (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>• Count to twenty, forwards and backwards, beginning with 0 or 1 from any given number.</li> <li>• Count, read and write numbers to 20 in numerals and words.</li> <li>• Given a number, identify one more or one less.</li> <li>• Identify and represent numbers using objects and pictorial representations including the number line and use the language of: equal to, more than, less than (fewer), most, least.</li> </ul>
9-10	Addition and Subtraction - Number facts	<ul style="list-style-type: none"> <li>• Fact families – addition facts</li> <li>• Find number bonds for number within 10. (e.g. number bonds for 9,8,7 etc)</li> <li>• Systematic methods for number bonds within 10.</li> <li>• Number bonds to 10</li> <li>• Compare number bonds</li> <li>• Fact families – the 8 facts</li> </ul>	<ul style="list-style-type: none"> <li>• Represent and use number bonds and related subtraction facts within 10.</li> <li>• Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</li> <li>• Represent and use number bonds and related subtraction facts within 20.</li> </ul>
11-12	Counting in 2,5,10	<ul style="list-style-type: none"> <li>• Count in 2s</li> <li>• Count in 5s</li> <li>• Count in 10s</li> <li>• Make equal groups</li> <li>• Add equal groups</li> <li>• Solve one step multiplication problems using concrete objects.</li> </ul>	<ul style="list-style-type: none"> <li>• Count in multiplies of twos, fives and tens.</li> <li>• Solve one step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>

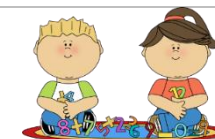
# Spring



Week	Focus	Small Steps	National Curriculum
1-2	Money (applying skills of counting 2,5 and 10)	<ul style="list-style-type: none"> <li>Consolidate counting in 2s,5s and 10s from previous term.</li> <li>Recognising coins</li> <li>Recognising notes</li> <li>Counting in coins</li> </ul>	<ul style="list-style-type: none"> <li>Count in multiples of twos, fives and tens.</li> <li>Recognise and know the value of different denominations of coins and notes.</li> </ul>
3-4	Addition and subtraction within 20	<ul style="list-style-type: none"> <li>Add by counting on</li> <li>Find and make number bonds</li> <li>Add by making 10</li> <li>Subtraction- Not Crossing 10</li> <li>Subtraction – Crossing 10 (1)</li> <li>Subtraction – Crossing 10 (2)</li> <li>Related facts</li> <li>Compare number sentences</li> </ul>	<ul style="list-style-type: none"> <li>Represent and use number bonds and related subtraction facts within 20.</li> <li>Read, write and interpret mathematical statements, involving addition (+), subtraction (-) and equals (=) signs.</li> <li>Add and subtract one digit and two digit numbers to 20, including zero.</li> <li>Solve one step problems that involve addition and subtraction, using concrete and pictorial representation, and missing number problems such as <math>7 = \_ - 9</math></li> </ul>
5-6	Fractions	<ul style="list-style-type: none"> <li>Halving shapes or objects</li> <li>Halving a quantity</li> <li>Find a quarter of a shape or object</li> <li>Find a quarter of a quantity</li> </ul>	<ul style="list-style-type: none"> <li>Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</li> <li>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</li> </ul>
7	Time	<ul style="list-style-type: none"> <li>Before and after</li> <li>Dates</li> </ul>	<ul style="list-style-type: none"> <li>Sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.</li> </ul>

			<ul style="list-style-type: none"> <li>Recognise and use language relating to dates, including days of the week, months and years.</li> </ul>
8-9	Place Value to 50	<ul style="list-style-type: none"> <li>Numbers to 50</li> <li>Tens and ones</li> <li>Represent numbers to 50</li> <li>One more one less</li> <li>Compare objects within 50</li> <li>Order numbers within 50</li> </ul>	<ul style="list-style-type: none"> <li>Count to 50 forwards and backwards, beginning with 0 or 1, or from any number.</li> <li>Count, read and write numbers to 50 in numerals.</li> <li>Given a number, identify one more or one less.</li> <li>Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.</li> </ul>
10	Geometry (positional language)	<ul style="list-style-type: none"> <li>Describe turns</li> <li>Describe position</li> </ul>	<ul style="list-style-type: none"> <li>Describe position, direction and movement, including whole, half, quarter and three quarter turns.</li> </ul>
11-12	Measurement: Length, mass, capacity	<ul style="list-style-type: none"> <li>Compare lengths and heights</li> <li>Measure length</li> <li>Introduce weight and mass</li> <li>Measure mass</li> <li>Compare mass</li> <li>Introduce capacity and volume</li> <li>Measure capacity</li> <li>Compare capacity</li> </ul>	<ul style="list-style-type: none"> <li>Measure and begin to record length/height, mass/weight, capacity and volume.</li> <li>Compare, describe and solve practical problems for length and heights</li> <li>Compare, describe and solve practical problems from mass/weight (heavy/light, heavier than, lighter than); capacity (full/empty, more than, less than).</li> </ul>

# Summer



Week	Focus	Small Steps	National Curriculum
1-2	Place Value to 50-100	<ul style="list-style-type: none"> <li>Counting to 100</li> <li>Partitioning numbers</li> <li>Comparing numbers</li> <li>Ordering numbers</li> <li>One more, one less</li> </ul>	<ul style="list-style-type: none"> <li>Count to and across 100, forwards and backwards, beginning with 0, 1 or from any given number.</li> <li>Count, read and write numbers to 100 in numerals.</li> <li>Given a number, identify one more and one less.</li> <li>Identify and represent numbers using objects and pictorial representations including the number line, using the language of: equal to, more than, less than, most, least.</li> </ul>
3-4	Addition and subtraction to 20	<ul style="list-style-type: none"> <li>Consolidation of addition and subtraction with 20, including in problem solving contexts.</li> <li>Use concrete apparatus and pictorial methods to solve simple problems related to addition to 20 and beyond (adding together, adding more)</li> <li>Use concrete apparatus and pictorial methods to solve simple problems related to subtraction to 20 and beyond (counting back)</li> </ul>	<ul style="list-style-type: none"> <li>Represent and use number bonds and related subtraction facts within 20.</li> <li>Read, write and interpret mathematical statements, involving addition (+), subtraction (-) and equals (=) signs.</li> <li>Add and subtract one digit and two digit numbers to 20, including zero.</li> <li>Solve one step problems that involve addition and subtraction, using concrete apparatus and pictorial representation, and missing number problems such as <math>7 = \_ - 9</math></li> </ul>
5-6	Multiplication and Division	<ul style="list-style-type: none"> <li>Consolidate counting in steps of 2, 5 and 10.</li> <li>Make arrays</li> <li>Make doubles</li> <li>Solve one step multiplication problems using concrete objects and pictorial representations.</li> </ul>	<ul style="list-style-type: none"> <li>Count in multiples of twos, fives and tens.</li> <li>Solve one step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>

7	Time	<ul style="list-style-type: none"> <li>• Time to the hour</li> <li>• Time to half hour</li> <li>• Reading time</li> <li>• Writing time</li> </ul>	<ul style="list-style-type: none"> <li>• Tell the time to the hour and half past the hour and draw hands on a clock face to show these times</li> <li>• Compare, describe and solve practical problems for time (for example, quicker, slower, earlier, later).</li> <li>• Measure and begin to record time (hours, minutes, seconds)</li> </ul>
8	Fractions recap	<ul style="list-style-type: none"> <li>• Halving shapes or objects</li> <li>• Halving a quantity</li> <li>• Find a quarter of a shape or object</li> <li>• Find a quarter of a quantity</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</li> <li>• Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</li> </ul>
9	Geometry: Shape	<ul style="list-style-type: none"> <li>• Recognise and name 3D shapes</li> <li>• Sort 3D shapes</li> <li>• Recognise and name 2D shapes</li> <li>• Sort 2D shapes</li> <li>• Patterns with 3D and 2D shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise and name common 2D shapes such as: rectangles (including squares), circles and triangles.</li> <li>• Recognise and name common 3D shapes such as: cuboids (including cubes), pyramids and spheres.</li> </ul>
10-12	Multiplication and Division	<ul style="list-style-type: none"> <li>• Make equal groups – sharing</li> <li>• Make equal groups – grouping</li> <li>• Solve one step division problems using concrete objects and pictorial representations.</li> </ul>	<ul style="list-style-type: none"> <li>• Count in multiplies of twos, fives and tens.</li> <li>• Solve one step problems involving division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>