



*Aston Tower Community  
Primary School*

**Maths  
Medium Term  
Planning:  
Year 1**

## Year 1: Autumn 1

Week	Retrieval	Main Maths Objectives
1	Count, read and write numbers from 1 to 20 in numerals and words.	<p>Count, read and write numbers from 1 to 20 in numerals and words.</p> <p>Represent and use number bonds and related subtraction facts within 20 including 0. (<b>Begin with number bonds up to ten</b>)</p> <p>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 and least.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.</p>
2	Count, read and write numbers from 1 to 20 in numerals and words.	<p>Represent and use number bonds and related subtraction facts within 20</p> <p>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 and least.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.</p>
3	Represent and use number bonds and related subtraction facts within 20	<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  <math>7 = ? - 9</math></p> <p>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 and least.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.</p>
4	<p>Count in 2s to 20.</p> <p>Represent and use number bonds and related subtraction facts within 20</p>	<p>Solve one-step problems involving multiplication and division (within 20), by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p>
5	<p>Count in 2s to 20 and from 20 to 0.</p> <p>Count, read and write numbers to 20 in numerals and words.</p>	<p>Solve one-step problems involving multiplication and division (within 20), by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p>
6	<p>Count in 2s to 20, from 20 to 0 and any given point.</p> <p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity</p>	<p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity</p>
7	Assess and review	

## Year 1: Autumn 2

<b>Week</b>	<b>Retrieval</b>	<b>Main Maths Objectives</b>
<b>1</b>	<p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p> <p>Represent and use number bonds and related subtraction facts within 20</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half]</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>• lengths and heights</li> </ul>
<b>2</b>	<p>Count, read and write numbers from 1 to 20 in numerals and words.</p> <p>Compare length and height.</p> <p>Represent and use number bonds and related subtraction facts within 20</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• mass/weight [e.g. heavy/light, heavier than, lighter than]</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>• mass/weight</li> </ul>
<b>3</b>	<p>Count in multiples of twos.</p> <p>Compare mass/weight.</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>• capacity and volume</li> </ul>
<b>4</b>	<p>Compare capacity and volume.</p> <p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• Recognise and use language relating to dates, including days of the week, weeks, months and years.</li> <li>• time [e.g. quicker, slower, earlier, later].</li> </ul> <p>Sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening].</p>
<b>5</b>	<p>Recognise and use language relating to dates, including days of the week, weeks, months and years.</p> <p>Represent and use number bonds and related subtraction facts within 20</p>	Recognise and know the value of different denominations of coins.
<b>6</b>	<p>Count to and across 50, forward and backwards, beginning with 0 or 1, or from any given number.</p> <p>Recognise and know the value of different denominations of coins.</p>	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles].
<b>7</b>	Assess and review	

# Year 1: Spring 1

Week	Retrieval	Main Maths Objectives
1	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles].	<p>Count, read and write numbers to 50 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 20 including 0.</p> <p>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 and least.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.</p>
2	Count, read and write numbers to 50 in numerals.	<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = ? - 9</math></p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.</p>
3	<p>Count to and across 50, forward and backwards, beginning with 0 or 1, or from any given number.</p> <p>Count in multiples of twos, fives and tens to 50.</p>	<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = ? - 9</math></p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.</p>
4	Count in multiples of twos, fives and tens to 50.	<p>Count in multiples of twos, fives and tens to 50.</p> <p>Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p>
5	Count to and across 50, forward and backwards, beginning with 0 or 1, or from any given number.	Recognise and know the value of different denominations of coins and notes.
6	Count to and across 50, forward and backwards, beginning with 0 or 1, or from any given number.	<p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity. <b>(Recap)</b></p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p>
7	Assess and review	

# Year 1: Spring 2

Week	Retrieval	Main Maths Objectives
1	Count to and across 50, forward and backwards, beginning with 0 or 1, or from any given number.	Compare, describe and solve practical problems for: <ul style="list-style-type: none"> <li>• lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half]</li> </ul> Measure and begin to record the following: <ul style="list-style-type: none"> <li>• lengths and heights</li> </ul>
2	Begin to record length and height.  Count in multiples of twos, fives and tens to 50.	Compare, describe and solve practical problems for: <ul style="list-style-type: none"> <li>• mass/weight [e.g. heavy/light, heavier than, lighter than]</li> </ul> Measure and begin to record the following: <ul style="list-style-type: none"> <li>• mass/weight</li> </ul>
3	Begin to record mass/weight.  Count in multiples of twos, fives and tens to 50.	Compare, describe and solve practical problems for: <ul style="list-style-type: none"> <li>• capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]</li> </ul> Measure and begin to record the following: <ul style="list-style-type: none"> <li>• capacity and volume</li> </ul>
4	Begin to record capacity/volume.  Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number.	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
5	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.  Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number.	Recognise and know the value of different denominations of coins and notes. <b>(Recap on coins – main focus is notes).</b>
6	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles].  Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number.	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres].
7	Assess and review	

# Year 1: Summer 1

<b>Week</b>	<b>Retrieval</b>	<b>Main Maths Objectives</b>
<b>1</b>	<p>Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres].</p> <p>Count in multiples of twos, fives and tens to 100.</p>	<p>Count, read and write numbers to 100 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 100</p> <p>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 and least.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.</p>
<b>2</b>	<p>Count, read and write numbers to 100 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 100</p> <p>Count in multiples of twos, fives and tens to 100.</p>	<p>Represent and use number bonds and related subtraction facts within 100</p> <p>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 and least.</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.</p>
<b>3</b>	<p>Count, read and write numbers to 100 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 100</p> <p>Count in multiples of twos, fives and tens to 100.</p>	<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = ? - 9</math></p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.</p>
<b>4</b>	<p>Count, read and write numbers to 100 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 100</p> <p>Count in multiples of twos, fives and tens to 100.</p>	<p>Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p>
<b>5</b>	<p>Solve one-step problems involving multiplication and division</p>	<p>Recognise and know the value of different denominations of coins and notes.</p>
<b>6</b>	<p>Recognise and know the value of different denominations of coins and notes.</p>	<p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p>
<b>7</b>	<p>Assess and review</p>	

# Year 1: Summer 2

Week	Retrieval	Main Maths Objectives
1	<p>Recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p> <p>Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half]</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>• lengths and heights</li> </ul>
2	<p>Count, read and write numbers to 100 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 100</p> <p>Count in multiples of twos, fives and tens to 100.</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• mass/weight [e.g. heavy/light, heavier than, lighter than]</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>• mass/weight</li> </ul>
3	<p>Count, read and write numbers to 100 in numerals.</p> <p>Represent and use number bonds and related subtraction facts within 100</p> <p>Count in multiples of twos, fives and tens to 100.</p>	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> <li>• capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter]</li> </ul> <p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>• capacity and volume</li> </ul>
4	Begin to record measure: length, mass and capacity.	Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
5	Measure and begin to record the following: time (hours, minutes, seconds).	<p>Recognise and know the value of different denominations of coins and notes.</p> <p><b>(Add and subtract small amounts of money)</b></p>
6	Recognise and name common 2-D shapes [e.g. rectangles (including squares), circles and triangles].	Recognise and name common 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres].
7	Assess and review	