

# Maths

## Age related expectations Assessment Grid for Maths: Year 1

	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions	Measurement	Geometry: Shape Properties	Geometry: Position & Direction	Statistics
Year 1: Emerging	<p>Count to and across 100, forwards beginning with 0 or 1, or from any given number</p> <p>Count numbers to 100 in numerals; count in multiples of twos, fives and tens</p> <p>Identify one more than a given number</p> <p>Identify and represent numbers using objects and pictorial representations including the number line</p> <p>Read numbers from 1-20 in numerals</p>	<p>Read mathematical statements involving +, - and = signs</p> <p>Add one and two digit numbers to 20</p>		<p>Recognise a half as one of two equal parts of an object, shape or quantity</p> <p>Recognise a quarter as one of four equal parts of an object, shape or quantity</p>	<p>Compare and describe practical problems for: * lengths and heights (long/short, longer/shorter, tall/short, double/half) * capacity and volume (full/empty, more than, less than, half, half full, quarter)</p> <p>Measure and begin to record the following: *lengths and heights *capacity and volume</p> <p>Sequence events in chronological order using language (before, after, next, first, today, yesterday ect)</p> <p>Tell the time to the hour</p> <p>Recognise and use language relating to dates, including days of the week</p>	<p>Recognise and name common 2d shapes including rectangles, squares, triangles and circles</p>	<p>Describe position, direction and movement, including whole and half turns</p>	
Year 1: Meeting	<p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</p> <p>Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</p> <p>Identify one more and one less than a given number</p> <p>Identify and represent numbers using objects and pictorial representations including the number line, and use of the language more than, less than, most, least</p> <p>Read and write numbers from 1-20 in numerals and words</p>	<p>Read and write mathematical statements involving +, - and = signs</p> <p>Represent and use number bonds and related subtraction facts within 20</p> <p>Add and subtract one digit and two digit numbers to 20, including 0</p> <p>Solve one step problems that involve + and -, using concrete objects and pictorial representations, and missing number problems such as 4 = ___ - 6</p> <p>Solve number and practical problems</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>	<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>Measure and begin to record the following: *mass/weight * time (hrs,mins,sec)</p> <p>Solve practical problems for: * lengths and heights (tall/short, double/half) * mass/weight (heavy/light, heavier than, lighter than) * capacity and volume (full/empty, more than, less than, half, half full, quarter) * time (quicker, slower, earlier, later)</p> <p>Recognise and know the value of different denominations of coins and notes</p> <p>Recognise and use language relating to dates, days of the week, weeks, months and years</p> <p>Tell the time to the hour and half past the hour and draw the hands on the clock face to show these times</p>	<p>Recognise and name common 2d and 3d shapes including (rectangles, squares, triangles and circles) (cuboids, cubes, pyramids and spheres)</p>	<p>Describe position, direction and movement, including whole, half, quarter and three quarter turns</p>	
Year 1: Advancing	<p>Say the number that is 10 more or 10 less than a number to 100</p> <p>Know and use the signs (&lt;); (&gt;)</p>	<p>Apply knowledge of number to solve a one-step problem involving addition and subtraction recording in line with the school calculation policy</p> <p>Add and subtract 1-digit and 2-digit numbers to 50, including zero</p>	<p>Apply knowledge of number to solve a one-step problem involving multiplication and division</p>	<p>Find <math>\frac{1}{2}</math> and <math>\frac{1}{4}</math> of objects or areas within the classroom/outdoor environment</p>	<p>Use coins to pay for items bought up to £1</p> <p>Use knowledge of time to know when key periods of the day happen, for example lunchtime, hometime etc</p>	<p>Recognise different 2D and 3D shapes in the environment</p>		