

Y1 2016-17 Mathematics Curriculum	Number and place value	Addition and Subtraction	Multiplication and division	Fractions	Measuring	Geometry (properties of shape and position/direction)	Statistics (data handling)
<p>The Non-negotiables</p> <p>Count to & across 100, forwards & backwards from any number.</p> <p>Read & write numbers to 20 in digits & words.</p> <p>Read & write numbers to 100 in digits.</p> <p>Say 1 more/1 less to 100.</p> <p>Count in multiples of 1, 2, 5 & 10.</p> <p>Know bonds to 10 by heart.</p> <p>Use bonds & subtraction facts to 20.</p> <p>Add & subtract: 1 digit & 2 digit numbers to 20, including zero.</p> <p>Add any three 1-digit numbers with a total up to 20.</p> <p>Solve simple multiplication & division with apparatus & arrays.</p> <p>Recognise half and quarter of object, shape or quantity.</p> <p>Sequence events in order.</p> <p>Use language of day, week, month and year.</p> <p>Tell time to hour & half past.</p>	<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>When given a number, identify one more and one less</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, least</p> <p>Read and write numbers from 1 to 20 in numerals and words</p>	<p>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs, 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 zero</p> <p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as</p> <p>$7 = \square - 9$</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>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] time [for example, quicker, slower, earlier, later] measure and begin to record the following: <ul style="list-style-type: none"> lengths and heights mass/weight capacity and volume time (hours, minutes, seconds) recognise and know the value of different denominations of coins and notes sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] recognise and use language relating to dates, including days of the week, weeks, months and years tell the time to the hour and half past the hour and draw the hands on a clock face to show these times 	<p>Recognise and name common 2D and 3D shapes, including:</p> <ul style="list-style-type: none"> 2D shapes [for example, rectangles (including squares), circles and triangles] 3D shapes [for example, cuboids (including cubes), pyramids and spheres] describe position, direction and movement, including whole, half, quarter and three quarter turns order and arrange combinations of objects and shapes in patterns 	