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