Moorland Primary School – Progression of Knowledge & Skills in Maths

Year 1	Place value	Addition and subtraction	Multiplication and division	Fractions	Measurement	Geometry	Algebra
	COUNTING 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 from any given a number. Identify one more and one less. **COMPARING NUMBERS** Use the language of equal to, more than, less than (fewer), most, least. **IDENTIFYING, REPRESENTING AND ESTIMATING NUMBERS** Identify and represent numbers using objects and pictorial representations including the number line. **READING AND WRITING NUMBERS** Read and write numbers from 1 to 20 in numerals and words.	**NUMBER BONDS** Represent and use number bonds and related subtraction facts within 20. **MENTAL CALCULATION & WRITTEN METHODS** Add and subtract one-digit and two-digit numbers to 20, including zero. Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs **PROBLEM SOLVING** Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = *- 9.	**MULTIPLICATION & DIVISION FACTS** Count in multiples of twos, fives and tens **PROBLEM SOLVING** 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	**RECOGNISING FRACTIONS** 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.	**MEASURING & CALCULATING** Measure and begin to record the following: * lengths and heights * mass/weight * capacity and volume * time (hours, minutes, seconds) **MONEY** Recognise and know the value of different denominations of coins and notes. **TELLING THE TIME** Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. Recognise and use language relating to dates, including days of the week, weeks, months and years.	Describe position, direction and movement, including half, quarter and three-quarter turns. Recognise and name common 2-D shapes e.g. square, circle and triangles Recognise and name common 3-D shapes e.g. cuboids, cubes, pyramids and spheres	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = *- 9 Represent and use number bonds and related subtraction facts within 20