Maths (Number)– What I should know

By the end of:	I should be able to..
Reception	• Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. • Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. • They solve problems, including doubling, halving and sharing.
Year 1	• Count to 100 (and backwards from 100 to 0). • Quickly recall number bonds to 10 (e.g. to get to 10 from 3 I add 7). • Read and write numbers to 100 in numerals. • Identify one more or one less than a given number (upto 100). • Understand and use the terms: more than, less than (fewer), equal to, most and least. • Write 1-20 in words. • Know all the doubles and corresponding halves for the numbers 1-10.
Year 2	• Count in steps of 2, 3 and 5 from 0. • Count in steps of tens from any number. (e.g. 3, 13, 23 etc.). • Quickly recall number bonds to 20 (e.g. to get to 20 from 3 I add 17). • Say the value of each digit in a 2 digit number (e.g. 23= 2 tens (20) and 3 ones (3)). • Compare and order numbers to 100 using <, > or = symbols. • Read and write numbers. • Know all the doubles and corresponding halves for the numbers 1-20.
Year 3	• Count up to, order and compare numbers to 1,000. • Count from 0 in jumps of 50 and 100. • Quickly recall number bonds to 100 (e.g. to get to 1000 from 33 I add 67). • Find 10 or 100 more or less than a given number. • Say the value of each digit in a 3 digit number (e.g. 423= 4 hundreds (400), 2 tens (20) and 3 ones (3)). • Read and write numbers up to 1,000 in numerals and words. • Know all the doubles and corresponding halves for the numbers 1-100.
Year 4	• Count in multiples of 25 and 1,000. • Find 1,000 more or less than a given number. • Count backwards through 0 onto negative numbers. • Say the value of each digit in a 4 digit number (e.g. 6,423= 6 thousands (6,000) 4 hundreds (400), 2 tens (20) and 3 ones (3)). • Order and compare numbers beyond 1,000. • Round any number to the nearest 10, 100 or 1,000. • Read Roman numerals to 100 (I to C). • Recognise decimal numbers up to 1 decimal place. • Be able to double any number up to 1,000. • Be able to half any even number to 1,000.
Year 5	• Read order and compare numbers to 1,000,000. • Say the value of each digit in a 7 digit number (e.g. 1,216,423= 1million, 2 hundreds of thousands, 1 tens of thousands, 6 thousands, 4 hundreds, 2 tens and 3 ones). • Count forwards and backwards from any number up to 1,000,000. • Round any number to the nearest 10, 100, 1,000, 10,000 and 100,000. • Read Roman numerals to 1,000 (M). • Recognise decimal numbers up to 3 decimal places.
Year 6	• Read order and compare numbers to 10,000,000. • Say the value of each digit in a 8 digit number (e.g. 21,216,423= 2 tens of millions1million, 2 hundreds of thousands, 1 tens of thousand, 6 thousands, 4 hundreds, 2 tens and 3 ones). • Round any number to the nearest 10, 100, 1,000, 10,000, 100,000, whole number or up to 2 decimal places. • Recognise decimal numbers up to any number of decimal places.