Numbers and the Number System

Foundation Stage	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Children count reliably with numbers from 1 to 20, place them in order	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	Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Count backwards through zero to include negative numbers Count in multiples of 6, 7, 9, 25 and 1000	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	Use negative numbers in context, and calculate intervals across zero
Say which number is one more or one less than a given number	Given a number, identify one more and one less	Add or subtract 1 or 10 or 100 is in addition and subtraction	*Add or subtract 1, 10 or 100 is in addition and subtraction*	Find 1000 more or less than a given number	Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	
	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	Identify, represent and estimate numbers using different representations, including the number line Compare and order numbers from 0 up to 100; use <, > and = signs	Identify, represent and estimate numbers using different representations Compare and order numbers up to 1000	Identify, represent and estimate numbers using different representations Order and compare numbers beyond 1000		

					Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
	Read and write numbers from 1 to 20 in numerals and words.	Read and write numbers to at least 100 in numerals and in words Recognise the place value of each digit in a two-digit number (tens, ones)	Read and write numbers up to 1000 in numerals and in words Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	
Solve problems		Use place value and number facts to solve problems.	Solve number problems and practical problems involving these ideas.	Round any number to the nearest 10, 100 or 1000	Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	Round any whole number to a required degree of accuracy
				Solve number and practical problems that involve all of the above and with increasingly large positive numbers	Solve number problems and practical problems that involve all of the above	Solve number and practical problems that involve all of the above.
				Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.	Read Roman numerals to 1000 (M) and recognise years written in Roman numerals	