

Numbers and the Number System – National Curriculum 2014

Foundation Stage	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Children count reliably with numbers from 1 to 20, place them in order</p> <p>Say which number is one more or one less than a given number</p> <p>They solve problems</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>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>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</p> <p><i>Add or subtract 1 or 10 or 100 is in addition and subtraction</i></p> <p>Identify, represent and estimate numbers using different representations, including the number line</p> <p>compare and order numbers from 0 up to 100; use <, > and = signs</p> <p>Read and write numbers to at least 100 in numerals and in words</p> <p>Recognise the place value of each digit in a two-digit number (tens, ones)</p> <p>Use place value and number facts to solve problems.</p>	<p>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</p> <p><i>Add or subtract 1, 10 or 100 is in addition and subtraction</i></p> <p>Identify, represent and estimate numbers using different representations</p> <p>Compare and order numbers up to 1000</p> <p>Read and write numbers up to 1000 in numerals and in words</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Solve number problems and practical problems involving these ideas.</p>	<p>Count backwards through zero to include negative numbers</p> <p>Count in multiples of 6, 7, 9, 25 and 1000</p> <p>Find 1000 more or less than a given number</p> <p>Identify, represent and estimate numbers using different representations</p> <p>Order and compare numbers beyond 1000</p> <p>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)</p> <p>Round any number to the nearest 10, 100 or 1000</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers</p> <p>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.</p>	<p>Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</p> <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</p> <p>Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> <p>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</p> <p>Solve number problems and practical problems that involve all of the above</p> <p>Read Roman numerals to 1000 (M) and recognise years written in Roman numerals</p>	<p>Use negative numbers in context, and calculate intervals across zero</p> <p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</p> <p>Round any whole number to a required degree of accuracy</p> <p>Solve number and practical problems that involve all of the above.</p>

	Counting		Quantity value of digits
	Adding or subtracting 1,10, 100, 1000...		Rounding
	Identifying and representing numbers		Solving problems