

Progression of Number and place value

Year 1	<ul style="list-style-type: none">• 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 different multiples including ones, twos, fives and tens• given a number, identify one more and one less• 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• read and write numbers from 1 to 20 in numerals and words.
Year 2	<ul style="list-style-type: none">• count in steps of 2, 3, and 5 from 0, and count in tens from any number, forward or backward• recognise the place value of each digit in a two-digit number (tens, ones)• identify, represent & estimate numbers using different representations, including the number line• compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs• read and write numbers to at least 100 in numerals and in words• use place value and number facts to solve problems.
Year 3	<ul style="list-style-type: none">• count from 0 in multiples of 4, 8, 50 and 100; finding 10 or 100 more or less than a given number• recognise the place value of each digit in a three-digit number (hundreds, tens, ones)• compare and order numbers up to 1000• identify, represent and estimate numbers using different representations• read and write numbers up to 1000 in numerals and in words• solve number problems and practical problems involving these ideas.
Year 4	<ul style="list-style-type: none">• count in multiples of 6, 7, 9, 25 and 1000• find 1000 more or less than a given number• count backwards through zero to include negative numbers• recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, & ones)• order and compare numbers beyond 1000• identify, represent and estimate numbers using different representations• round any number to the nearest 10, 100 or 1000• solve number and practical problems that involve all of the above and with increasingly large positive numbers• 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.
Year 5	<ul style="list-style-type: none">• read, write, order & compare numbers to at least 1 000 000 & determine the value of each digit• count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000• interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero• round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000• solve number problems and practical problems that involve all of the above• read Roman numerals to 1000 (M) and recognise years written in Roman numerals
Year 6	<ul style="list-style-type: none">• read, write, order and compare numbers up to 10 000 000 and determine the value of each digit• round any whole number to a required degree of accuracy• use negative numbers in context, and calculate intervals across zero• solve number problems and practical problems that involve all of the above.