

Progression in Number and Place Value - 2014 National Curriculum

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.	count to and across 1000, forwards and backwards, beginning with 0 or 1, or from any given number.	count to and across 1000, forwards and backwards, beginning with 0 or 1, or from any given number. begin to count backwards through zero to include negative numbers.	count backwards through zero to include negative numbers.	count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000. count forwards and backwards with positive and negative whole numbers through zero.	count forwards and backwards with positive and negative whole and decimal numbers through zero.
count, read and write numbers to 100 in numerals, count in different multiples including ones, twos, fives and tens.	count in steps of 2, 3, and 5 from 0 and count in tens from any number, forward or backward.	count from 0 in multiples of 4, 8, 50 and 100.	count in multiples of 6, 7, 9, 25 and 1000.	count, read and write numbers up to at least 1,000,000.	count, read and write numbers up to 10,000,000.
given a number, identify one more and one less.	find 1 and 10 more or less than a given number.	find 10 or 100 more or less than a given number.	find 1000 more or less than a given number.	find 10,000 more or less than a given number.	find 0.1 more or less than a given number.
identify and represent numbers using concrete 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.	identify, represent and estimate numbers using different representations.	identify, represent and estimate numbers using different representations.	identify, represent and estimate numbers using different representations.	identify, represent and estimate numbers using different representations.
read and write numbers from 1 to 20 in digits and words.	read and write numbers to at least 100 in numerals and words.	read and write numbers to at least 1000 in numerals and in words.	read and write numbers to at least 100,000.	read and write numbers to at least 1,000,000.	read and write numbers up to 10,000,000.
recognise the worth of a number and which is bigger or smaller.	recognise the place value of each digit in a two-digit number (tens, ones).	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, ones).	recognise and determine the value of each digit in numbers up to 1,000,000.	recognise and determine the value of each digit up to 10,000,000.
compare and order	compare and order	compare and order	order and compare	order and compare	order and compare

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numbers to 20.	numbers from 0 to 100; use <, > and = signs.	numbers up to 1000. use <, > and = signs.	numbers beyond 1000. use <, > and = signs.	numbers to at least 1,000,000. use <, > and = signs.	numbers up to 10,000,000. use <, > and = signs.
			begin to interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero.	interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero.	use negative numbers in context, and calculate intervals across zero.
	round any number up to 100 to the nearest 10.	round any number up to 1000 to the nearest 10 or 100.	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.
begin to solve problems using number facts practically.	use place value and number facts to solve problems.	solve number problems and practical problems involving these ideas.	solve number and practical problems that involve all of the above and increasingly large positive numbers.	solve number problems and practical problems that involve all of the above.	solve number problems and practical problems that involve all of the above.
		read Roman numerals to 20 (I to XX) and recognise numerals on a clock.	read Roman numerals to 100 (I to C) and understand how, 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.	read Roman numerals to 1000 (M) and recognise years written in Roman numerals.