



Content domain – number and place value; approximation and estimation / rounding (KS2)

EYFS Birth to 5 Matters **Range 5** **Range 6** **ELG**

- Compares two small groups of up to five objects, saying when there are the same number of objects in each group, e.g. You've got two, I've got two. Same! (comparison)
- May enjoy counting verbally as far as they can go (counting)
- Points or touches (tags) each item, saying one number for each item, using the stable order of 1,2,3,4,5. (counting)
- Uses some number names and number language within play, and may show fascination with large numbers (counting)
- Begin to recognise numerals 0 to 10 (counting)
- Uses number names and symbols when comparing numbers, showing interest in large numbers • Estimates of numbers of things, showing understanding of relative size (comparison)
- Enjoys reciting numbers from 0 to 10 (and beyond) and back from 10 to 0 (comparison)
- Increasingly confident at putting numerals in order 0 to 10 (ordinality) (comparison)
- Verbally count beyond 20, recognising the pattern of the counting system
- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity

Strand	National Curriculum reference Year 1	National Curriculum reference Year 2	National Curriculum reference Year 3	National Curriculum reference Year 4	National Curriculum reference Year 5	National Curriculum reference Year 6
N1 Counting (in multiples)	1N1a Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number	2N1 Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward		4N1 Count in multiples of 6, 7, 9, 25 and 1000	5N1 Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	
	1N1b Count in multiples of twos, fives and tens		3N1b Count from 0 in multiples of 4, 8, 50 and 100			
N2 Read, write, order and compare numbers	1N2a Count, read and write numbers to 100 in numerals	2N2a Read and write numbers to at least 100 in numerals and in words	3N2a Compare and order numbers up to 1000 Read and write numbers to 1000 in numerals and in words	4N2a Order and compare numbers beyond 1000	5N2 Read, write, order and compare numbers to at least 1 000 000	6N2 Read, write, order and compare numbers up to 10 000 000
	1N2b Given a number, identify one more and one less	2N2b Compare and order numbers from 0 up to 100; use <, > and = signs	3N2b Find 10 or 100 more or less than a given number	4N2b Find 1000 more or less than a given number		
	1N2c Read and write numbers from 1 to 20 in numerals and words					

N3 Place value; Roman numerals		2N3 Recognise the place value of each digit in a two-digit number (tens, ones)	3N3 Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	4N3a Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)	5N3a Determine the value of each digit in numbers up to 1 000 000	6N3 Determine the value of each digit in numbers up to 10 000 000
				4N3b 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	5N3b Read Roman numerals to 1000 (M) and recognise years written in Roman numerals	
N4 Identify, represent and estimate; rounding	1N4 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	2N4 Identify, represent and estimate numbers using different representations, including the number line	3N4 Identify, represent and estimate numbers using different representations	4N4a Identify, represent and estimate numbers using different representations	5N4 Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	6N4 Round any whole number to a required degree of accuracy
				4N4b Round any number to the nearest 10, 100 or 1000		
N5 Negative numbers [KS2]				4N5 Count backwards through zero to include negative numbers	5N5 Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	6N5 Use negative numbers in context, and calculate intervals across zero
N6 Number problems		2N6 Use place value and number facts to solve problems	3N6 Solve number problems and practical problems involving 3N1–3N5	4N6 Solve number and practical problems that involve 4N1–4N5 and with increasingly large positive numbers	5N6 Solve number problems and practical problems that involve 5N1–5N5	6N6 Solve number problems and practical problems that involve 6N2–6N5