



Statistics Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Counting	Count to and across 20, forwards and backwards, beginning with 0 or 1, or from any given number. Count objects up to 10, including in irregular arrangements. Count, read and write numbers to 20 in numerals. Identify one more and one less of numbers within 10.	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. Given a number, identify one more and one less.	Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward. Find 10 more or less than a given two-digit number.	Count from 0 in multiples of 3, 6, 4, 8, 20, 25, 50 and 100. Find 10 or 100 more or less than a given three-digit number.	Count backwards through zero to include negative numbers. Count in multiples of 7, 9, 11, 12 and 1000. Find 10, 100 or 1 000 more or less than a given 4-digit number.	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. Count forwards or backwards in steps of powers of 10 for any given number up to 1, 000, 000.	Use negative numbers in context, and calculate intervals across zero
Comparing Numbers	Compare two groups of objects. Use the language of 'more' and 'fewer' to compare objects to 20. Order numbers one to 20.	Use the language of: equal to, more than, less than (fewer), most, least.	Compare and order numbers from 0 up to 100; use <, > and = signs.	Compare and order numbers up to 1,000.	Order and compare numbers beyond 1,000. Compare numbers with the same number of decimal places up to two decimal places (Fractions).	Order and compare numbers to at least 1,000,000 and determine the value of each digit.	Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.

Identifying, Representing and Estimating Numbers	Estimate how many objects they can see and check by counting them. Represent numbers to 20 using objects. Subitise up to 5.	Identify and represent numbers using objects and pictorial representations including the number line.	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.		
Reading and Writing Numbers (including Roman Numerals)	Recognise numerals 1 to 10.	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.	Read and write numbers up to 1 000 in numerals and in words. Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks (Measurement).	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 and write numbers to at least 1,000,000 and determine the value of each digit. Read Roman numerals to 1 000 (M) and recognise years written in Roman numerals.	Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.
Understanding Place Value	Show curiosity about numbers by offering comments and asking questions.		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, and ones). Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths (Fractions)	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents (Fractions)	Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. Identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1,000 where the answers are up to three decimal places (Fractions).
Rounding					Round any number to the nearest 10, 100 or 1,000.	Round any number up to 1,000,000 to the nearest 10, 100,	Round any whole number to a required degree of accuracy.

					Round decimals with one decimal place to the nearest whole number (Fractions).	1,000, 10,000 and 100,000. Round decimals with two decimal places to the nearest whole number and to one decimal place (Fractions).	Solve problems which require answers to be rounded to specified degrees of accuracy (Fractions).
Problem Solving	To show an interest in number problems. To begin to identify own mathematical problems based on interests and fascinations.	Solve simple problems using concrete apparatus.	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 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

Key: National Curriculum Number: Number and Place Value Programme of Study Objectives / **Number:** Number and Place Value Linked National Curriculum Objectives

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