

Core mathematics skills

Number and place value

Year 1 Unit	Unit title and content
1	We can count up to 20 objects We know that the number of objects does not change even if we move the objects around
2	We can compare numbers up to 20 and say which number is bigger
3	We know how to write numbers up to 20 and then beyond We can read numbers on a number line Backwards and forwards, not always starting at 1
4	We can work out the number that is one more or one less than numbers up to 20 We can work out the number that is 10 more than a number between 1 and 9
9	We can estimate the number in a group of up to 20 objects We can check the number by counting
10	We can put numbers up to 20 or more in order We can use the (=) sign

11	<p>We know how to say and write numbers up to and beyond 20.</p> <p>We know where numbers up to and beyond 20 belong on a number track.</p> <p>Numbers up to 100</p>
Year 2 Unit	
1	We can read and write two-digit and three-digit numbers
2	<p>We can count objects by putting them into groups</p> <p>Working on the size of number 15 vs 50</p> <p>Counting in 2s, 5s, 10s</p>
3	We can guess, or estimate how many there are in a group of objects
4	<p>We can partition numbers</p> <p>We can combine numbers</p> <p>Knowing the value of each digit in a number</p> <p>Understanding place value</p>
5	<p>We can write numbers in order and position them on a number line</p> <p>We can use the 'greater than' and 'less than' signs</p> <p>Numbers up to 100</p>

8	<p>We know which numbers are odd and which are even.</p> <p>We can talk about what is happening in a number sequence and add some more numbers to the sequence</p>
11	<p>We can explain the value of each digit in a two-digit number</p> <p>We can partition numbers in different ways</p>
13	<p>We can read and write numbers up to 1000 in figures and in words</p> <p>We can say and write numbers that have zero as a place holder</p>
15	<p>We can round numbers to the nearest 10</p>
17	<p>We can work out the missing number in a number sentence</p>
Year 3 Unit	
1	<p>We can read and write numbers to 1000 and put them in order</p>
2	<p>We can split a number into hundreds, tens and ones</p> <p>We can explain how the digits in a number change when we count in 10s or 100s</p>
5	<p>We can explain how to put three-digit numbers in order</p>

6	We can explain how we solve problems
Year 4 Unit	
1	We can explain to someone else how we solve problems and puzzles
2	We can read, write and put in order four-digit and five-digit numbers
4	We can count on and back in steps of a consistent size
8	We can use a calculator to help solve one-step and two-step problems We know how to enter prices such as £1.29 and £2.30 into a calculator We know that when we are working with money, 5.4 on a calculator display means £5.40
9	We can round numbers to the nearest 10 or 100 We can estimate and check the result of a calculation
14	We can read, write and put in order positive and negative numbers We can use the < and > signs with positive and negative numbers
Year 5 Unit	
1a	We can find missing numbers in a sequence that includes negative numbers and decimals

1b	We can count in steps of 1,000, and 10,000 up to 1,000,000 We can order numbers up to 1,000,000 and know the value of each digit
1c	We can round numbers to include 10,000 and 100,000
9	We can estimate and check the result of a calculation We can use inverse operations to estimate and check calculations
10a	We can explain why we choose to work mentally, or use a written method or a calculator
10b	We can decide which calculations to do to solve one and two step problems We can solve one and two step problems efficiently
13	We can explain what we have keyed into a calculator and why
14	We can use a calculator to solve a problem and know how to interpret numbers as they appear on the calculator.
16	We can change 12 hour clock am or pm times into 24 clock times and vice versa We can work out the time intervals between two times in either the 12 or 24 hour clock
17	We can work out which numbers less than 100 are prime numbers

Year 6 Unit	
6	We can identify the function (addition, subtraction, multiplication or division) that is applied when numbers change as a result of a calculation
7	We can use a calculator to solve problems with more than one step We can use jottings to support our calculations
8a	We can estimate and check calculations by approximating and using inverse operations
8b	We can round numbers to any degree of accuracy
12	We can calculate percentages of whole numbers
13	We can solve problems involving more than one step We can explain the reason for our choice of method and say whether we think it was effective
15	We can read, write and understand numbers up to and over 1 million