



Number and Place Value

Progression of Skills:

- Counting
- Comparing Numbers
- Identifying, representing and estimating numbers
 - Reading and Writing Numbers
 - Understanding Place Value
 - Rounding
 - Problem Solving

Counting

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Count to and across 100, forwards and backwards, starting with 0 and 1 and from any other number.	<p>Build on year 1 to ensure mastery.</p> <p>NCETM Mastering Number</p> 		Count backwards through 0 to include negative numbers.	Interpret negative numbers in context, count forwards and backwards with positive and negative integers, including through 0.	Use negative numbers in context and calculate intervals across 0.
Count, read and write numbers to 100 in numerals; count in multiples of 5s, 2s and 10s.	Count in steps of 2, 3 and 5 from 0 and in 10s from any number, forwards and backwards. NCETM Mastering Number	Count from 0 in multiples of 4, 8, 50 and 100.	Count in multiples of 6, 7, 9, 25 and 1000.	Count forwards and backwards in steps of powers of 10 for any given number to 1,000,000.	Build on year 5 to ensure mastery.
Identify one more and one less of a given number to and including 100.	<p>Build on year 1 to ensure mastery.</p> <p>NCETM Mastering Number</p>	Find 10 and 100 more and less than a given number.	Find 1,000 more and less than a given number.	Build on year 4 to ensure mastery. 	

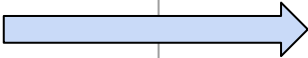
Reading and Writing Numbers (including Roman Numerals)

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Read and write number from 1 to 20 in numerals and words.	Read and write numbers to at least 100 in numerals and words.	Read and write numbers up to 1,000 in numerals and in words.	Read Roman numerals to 100 (L to C) and know that over time, the numeral system changed to include the concept of 0 and place value.	Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals.	<i>Build on year 5 to ensure mastery.</i>

Comparing Numbers

Use the language of: equal to, more than, less than (fewer), most and least.	Compare and order number from 0 to up to 100 using the symbols of equality <, > and = NCETM Mastering Number	Compare and order number up to 1,000	Order and compare numbers beyond 1,000.	Read, write, order and compare number 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.
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Identifying, Representing and Estimating Numbers

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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. NCETM Mastering Number	Identify, represent and estimate numbers using different representations.	Identify, represent and estimate numbers using different representations.	Build on year 4 to ensure mastery.	

Understanding Place Value

	Recognise the place value of each digit in a two-digit numbers (tens and ones).	Recognise the place value of each digit in a three-digit number (hundreds, tens and ones).	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)	Read, write, 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.
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Rounding

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			Round any number to the nearest 10, 100 or 1000.	Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.	Round any whole number to a required degree of accuracy.

Problem Solving

	Use place value and number facts to solve problems. NCETM Mastering Number	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.
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