| | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| Place value: Counting | Count objects, actions, sounds<br><br>Count beyond ten | count to and across 100, forwards and backwards beginning with 0 or 1 from any given number<br><br>Count numbers to 100 in numerals; count in multiples of 2s, 5s and 10s | Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward | Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number | Count in multiples of 6, 7, 9, 25 and 1,000<br><br>Count backwards through zero to include negative numbers | Count forwards and backwards in steps and powers of 10 for any given number up to 1,000,000<br><br>Count forwards and backwards with positive and negative whole numbers, including through zero | |
| Place value: represent | Subitise<br><br>Link the number symbol (numeral) with its cardinal number value | Identify and represent numbers using objects and pictorial representations<br><br>Read and write numbers to 100 in numerals<br><br>Read and write numbers from 1 to 20 in numerals and words | Read and write numbers to at least 100 in numerals and words<br><br>Identify, represent and estimate numbers using different representations including the number line | Identify, represent and estimate numbers using different representations<br><br>Read and write numbers to 1,000 in numerals and in words | Identify, represent and estimate numbers using different representations<br><br>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, write (order and compare) numbers to at least 1,000,000 and determine the value of each digit<br><br>Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals | Read, write (order and compare) numbers to at least 10,000,000 and determine the value of each digit |

| Place value: use place value and compare | Compare numbers<br><br>Understand the one more/one less relationship between consecutive numbers<br><br>Explore composition of numbers to 10 | Given a number, identify one more and one less | Recognise the place value of each digit in a two-digit number (tens, ones)<br><br>Compare and order numbers from 0 up to 100 using <, > and = signs | Recognise the place value in each digit in a three-digit number (hundreds, tens, ones)<br><br>Compare and order numbers to 1,000 | Find 1,000 more or less than a given number<br><br>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)<br><br>Order and compare numbers beyond 1,000 | (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 to at least 10,000,000 and determine the value of each digit |
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| Place value: problems and rounding | | | Use place value and number facts to solve problems | Solve number problems and practical problems involving these numbers | Round any number to the nearest 10, 100 or 1,000<br><br>Solve number problems and practical problems involving all of the above and with increasingly large positive numbers | Interpret negative numbers in context<br><br>Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000<br><br>Solve number and practical problems that involve all of the above | Round any whole number to a required degree of accuracy<br><br>Use negative numbers in context and calculate intervals across zero<br><br>Solve number and practical problems that involve all of the above |