



| | Counting | Mathematical vocabulary and operations | Reading and writing | Problem solving | Comparing | Estimating and rounding |
|---|---|---|--|---|--|--|
| 1 | <p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</p> <p>Identify and represent numbers using objects and pictorial representations including the number line</p> | <p>use the language of: equal to, more than, less than (fewer), most, least</p> | <p>Count, read and write numbers to 100 in numerals, count in multiples of; twos, fives and tens</p> <p>Read and write numbers 1 to 20 in numerals and words</p> | <p>Given a number, identify one more and one less</p> | | |
| 2 | <p>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward</p> <p>Recognise the value of each digit in a two digit number (tens, ones)</p> | <p>use <, > and = signs</p> | <p>Read and write numbers to at least 100 in numerals and in words</p> | <p>Use place value and number facts to solve problems</p> <p>Read and number facts to solve problems</p> | <p>Compare and order numbers from 0 up to 100;</p> | <p>Identify, represent and estimate numbers using different representation, including the number line</p> |
| 3 | <p>Count from 0 in multiples of 4, 8, 50 and 100; finding 10 or 100 more or less than a given number</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> | | <p>Read and write numbers to at least 1000 in numerals and in words</p> | <p>Solve number problems and practical problems involving these ideas.</p> | <p>Compare and order numbers up to 1000</p> | <p>Identify, represent and estimate numbers using different representations</p> |
| 4 | <p>Count in multiples of 6, 7, 9, 25 and 100</p> <p>Count backwards through zero to include negative numbers</p> <p>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)</p> <p>Read Roman numerals to 100 (I to C) and understand how, over time, the numeral system changed to include the concept of zero and place value</p> | | | <p>Find 1000 more or less than a given number</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers</p> | <p>Order and compare numbers beyond 1000</p> | <p>Identify, represent and estimate numbers using different representations</p> <p>Round any number to the nearest 10, 100 or 1000</p> |

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| 5 | <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</p> <p>Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero</p> <p>Read Roman numerals to 1000 (M) and recognise years written in Roman numerals</p> | | <p>Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> | <p>Solve number problems and practical problems that involve all of the above</p> | <p>Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> | <p>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</p> |
| 6 | <p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</p> | | <p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</p> | <p>Use negative numbers in context, and calculate intervals across zero</p> <p>Solve number problems and practical problems that involve all of the programme of study</p> | <p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</p> | <p>Round any whole number to a required degree of accuracy</p> |