# Maths – Whole School Overview

| Year group | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| EYFS | Numbers to 10 Shape | Numbers to 20 Patterns | Shape & Space Working with numbers to 10 | Time Doubling & Halving | Measures Addition & Subtraction | Problem Solving Consolidation |
| 1 | Number & Place Value | Addition & Subtraction | Multiplication & Division | Shape Position & Direction | Fractions | Time Consolidation |
| 2 | Number & Place Value | Addition & Subtraction | Multiplication & Division | Fractions Shape | Shape SATs Consolidation | Position & Direction Statistics |
| 3 | Number & Place Value | Addition & Subtraction | Multiplication & Division | Fractions | Time | Shape Position & Direction |
| 4 | Number & Place Value | Addition & Subtraction | Multiplication & Division | Fractions & Decimals Statistics | Time | Shape Position & Direction |
| 5 | Number & Place Value | Addition & Subtraction | Multiplication & Division | Fractions, Decimals & Percentages | Time Statistics | Geometry Consolidation |
| 6 | Number & Place Value | Fractions & Decimals Statistics | Algebra Shape | Revision | SATs Statistics | Investigations |

# Number & Place Value

| | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
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| Progressive Skills | | **Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.**<br><br>**Count and read numbers to 100 in numerals.**<br><br>**Count and write numbers to 100 in numerals.**<br><br>**Count in multiples of twos, fives and tens.**<br><br>**Identify one more and one less of a given number.**<br><br>Identify and represent numbers using objects and pictorial representations including the number line, and use the language: equal to, more than, less than (fewer), most, least. | **Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward.**<br><br>Recognise the place value of each digit in a two-digit number (tens, ones).<br><br>Identify, represent and estimate numbers using different representations, including the number line.<br><br>**Compare and order numbers from 0 up to 100; use and = signs.**<br><br>Read and write numbers up to at least 100 in numerals.<br><br>Read and write numbers up to at least 100 in in words. | **Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.**<br><br>**Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).**<br><br>Compare and order numbers up to 1000.<br><br>Identify, represent and estimate numbers using different representations.<br><br>Read and write numbers up to 1000 in numerals.<br><br>Read and write numbers up to 1000 in words.<br>**Solve number problems and practical problems involving these ideas.** | **Count in multiples of 6, 7, 9, 25 and 1000.**<br><br>Find 1000 more or less than a given number.<br><br>**Count backwards through zero to include negative numbers.**<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 1000.**<br><br>Identify, represent and estimate numbers using different representations.<br><br>Round any number to the nearest 10, 100 or 1000.<br><br>Solve number and practical problems | **Read, write, order and compare numbers up to at least 1,000,000 and determine the value of each digit.**<br><br>Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.<br><br>**Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.**<br><br>Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.<br><br>Solve number problems and practical problems that involve ordering and comparing numbers up to | Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.<br><br>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 ordering and comparing numbers to 10,000,000, rounding to a required degree of accuracy, using negative numbers and calculating intervals across zero. |

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| | | Read and write numbers from 1 to 20 in numerals.<br><br>Read and write numbers from 1 to 20 in words. | Use place value and number facts to solve problems. | | that involve all of the above, and with increasingly large positive numbers.<br><br>Read Roman numerals up to 100 (I to C) and know that, over time, the numeral system changed to include the concept of zero and place value. | 1,000,000, counting forwards or backwards in steps, interpreting negative numbers and rounding.<br><br>Read Roman numerals up to 1000 (M) and recognise years written in Roman numerals. |