



Subject	Maths
Year Group	Year 2
Knowledge Essential facts (Directly correlating to NC document) Key vocabulary / technical terms	
<u>Children will know:</u> <u>Number and place value</u> • How to read and write numbers to at least 100 in numerals and words. • The place value of each digit in a 2-digit number. • How to count in steps of 2, 3, 5 from 0, and in 10s from any number. • How to count forwards and backwards from any number to 100. • How to identify and represent numbers using different representations. • Which number is bigger or smaller and use this to order numbers. • How to use $<$ $>$ $=$ symbols to compare numbers. <u>Calculations</u> <u>Addition and subtraction</u> • How to use addition and subtraction facts to derive and use related facts to 100. • How to use an efficient mental and/or written method to add and/or subtract pairs of numbers including carrying and exchanging. • All number bonds and related subtraction facts to 20. • How to use an efficient mental and/or written method to add 3 single digit numbers together. • How to use the inverse relationship to check calculations and solve missing number problems. <u>Multiplication and division</u> • Multiplication and division facts for the 2, 5 and 10 times tables. • How to read, write and interpret the mathematical symbol for multiplication ($\times$). • How to read, write and interpret the mathematical symbol for division ($\div$) and understand this means sharing. • Multiplication and division are inverse operations. • How to use a written method to solve multiplication and division problems. <u>Fractions</u> • How to find $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{4}$ of a shape, set of objects or quantity. • The equivalence of $\frac{2}{4}$ and $\frac{1}{2}$. <u>Geometry</u> • How to describe the properties of 2D and 3D shapes using mathematical vocabulary (symmetry, sides, vertices, faces, edges). • How shapes and everyday objects can be sorted and compared. <u>Space</u> • The terms 'clockwise' and 'anticlockwise' and use this terminology to make quarter, half and three-quarter turns. • Their left and right.	

Measures

- Units of measurement for length/height/width, mass, capacity/volume, temperature and how to measure these using the correct equipment.
- How to use the symbols for pounds (£) and pence (p).
- How to combine coins to equal an amount of money.
- How to tell the time to 5 minutes.
- How many minutes in an hour and the number of hours in a day.

Statistics

- How to construct simple tally charts, pictograms, block diagrams and tables.
- How to interpret information shown in a diagram.
- How to read scales accurately where the division is in ones or where all divisions are given.