



Essential Elements to be on track

Year Group	Maths
End of Year 1	<ul style="list-style-type: none"> • Count to and across 100, forward and backward, beginning with 0 or 1, or from any given number. • Count in multiples of 2, 5 and 10. • Carry out + and – to 20. • Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations. • Measure and record lengths and heights, mass/weight, capacity and volume, and time (hours, minutes and seconds). • Recognise and know the value of different denominations of coins and notes.
End of Year 3	<ul style="list-style-type: none"> • Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. • Solve problems, including missing number problems, involving multiplication and division. • Solve simple measure and money problems involving fractions. • Add and subtract amounts of money to give change, using both £ and p in practical contexts. Add and subtract units of length (m/cm/mm), mass (kg/g) and capacity (l/ml).
End of Year 4	<ul style="list-style-type: none"> • Solve addition and subtraction two-step problems in context, deciding which operations and methods to use and why. • Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit. • Solve simple measure and money problems involving fractions and decimals to two decimal places. • Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days. • Compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes. • Solve comparison sum and difference problems using information presented in bar charts, pictograms tables and other graphs.
End of Year 5	<ul style="list-style-type: none"> • Solve addition and subtraction multi-step operations and knowing methods to use and why. • Solve problems involving multiplication and division including: factors, squares, multiples and cubes, scaling by simple fractions and problems involving simple rates. • Solve problems which require knowledge of decimal and percentage equivalents. • Use all four operations to solve problems involving measures, money, length, mass, volume and capacity using decimal notation, including scaling. • Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language. • Solve comparison, sum and difference problems using information presented in a line graph.