



Maths Curriculum Overview - Year 2

	Unit	Details
Autumn One	Place Value and Addition and Subtraction	<p>Pupils in Year 2 will start the academic year by looking at numbers to 20. They will then progress to looking at numbers to 100 by making 10s. They will use place value charts to help them recognise tens and ones and will use their knowledge of part-whole models to partition numbers to 100. Time will also be spent learning how to write numbers to 100. They will use number lines to 100 and make estimations. Pupils will count in 2s, 5s, 10s and 3s.</p> <p>After place value, pupils will focus on addition and subtraction. They will revisit number bonds to 10 and 20 and learn their bonds to 100 (tens). They will learn to add by making ten, add three 1-digit numbers and add and subtract across 10. They will spend time looking at 10 more and 10 less as well as adding two 2-digit numbers.</p>
Autumn Two	Addition and Subtraction and Shape	<p>At the beginning of the half term pupils will focus on subtracting two 2-digit numbers, mixed addition and subtraction, comparing number sentences and working out missing number problems.</p> <p>Pupils will recognise, count sides and count vertices on 2-D shapes and learn how to draw them accurately, as well as, identify lines of symmetry. When focusing on 3-D shapes pupils will count faces, edges and vertices.</p>
Spring One	Money and Multiplication and Division	<p>At the start of the spring term pupils will begin by counting money in pounds and pence, using both coins and notes. They will spend time making the same amount using different notes and coins as well as learning about change.</p> <p>Time will be spent on multiplication and division where pupils will learn how to recognise, make and add equal groups. They will be introduced to the multiplication symbol for the first time and will learn how to answer multiplication sentences using arrays and making equal groups. Pupils will look at the 2, 5 and 10 times-table and use their knowledge to help them divide using these.</p>
Spring Two	Length/height and Mass, capacity and temperature	<p>At the beginning of this half term pupils will measure in centimetres and metres, compare lengths and heights and order them. Next, pupils will start to look at mass, capacity and temperature. They will begin by comparing mass and measuring in grams and kilograms. Pupils will then compare volume and capacity, which will lead onto measuring millilitres and litres. Finally pupils will spend time learning about temperature.</p>
Summer One	Fractions and Time	<p>At the start of the term, pupils will learn about fractions. In particular, they will focus on making equal parts, recognising and finding a half/quarter/third. After that, they will look at unit and non-unit fractions, equivalence of a half and 2 quarters. Towards the end of the unit pupils should be able to find three quarters and count in fractions.</p> <p>Towards the end of the half term pupils will look at time. They will look at dates, time to the hour and half hour. They will begin to learn how to write and compare time.</p>
Summer Two	Statistics and Position and Direction	<p>At the beginning of this half term pupils will learn about statistics. They will focus on tally charts and pictograms, learning how to draw and interpret them.</p> <p>Towards the end of the term pupils will spend time learning about position and direction. They will describe movements and turns and make patterns with shape.</p>