



Maths Curriculum Overview - Year 3

	Unit	Details
Autumn One	Place Value, Addition and Subtraction	Pupils look at numbers to 100, they will represent, partition and use number lines. They will then progress to looking at numbers to 1000, where they will represent and partition these numbers. Pupils will then find 1, 10 and 100 more or less than a number. Time will also be spent Estimating, comparing and ordering numbers to 1000. After place value, pupils will focus on addition and subtraction. They will add and subtract 1s, 10s and 100s within a 10 and across a 10. Towards the end of the half term pupils will add and subtract two numbers where an exchange does not take place.
Autumn Two	Addition, Subtraction, Multiplication and Division	Pupils will continue their learning from the previous half term on addition and subtraction. They will learn about adding and subtracting where an exchange does take place (across a 10 and 100). Towards the end of the unit, pupils will learn how to add 2 and 3-digit numbers, as well as, subtracting a 2-digit number from a 3-digit number. Time will be spent on multiplication and division, pupils will revisit previously taught concepts such as arrays, grouping/sharing and multiples of 2, 5 and 10. They will then learn how to multiply and divide by 3, 4 and 8.
Spring One	Multiplication, Division, Length and Perimeter	At the start of the spring term pupils will continue their learning of multiplication and division. They will learn how to multiply a 2-digit number by a 1-digit number with no exchange and then with an exchange. Time will be spent teaching pupils how to divide a 2-digit number by a 1-digit number with no exchange and with remainders. Next, pupils will learn how to measure in metres, centimetres and millimetres, they will then look at equivalent lengths for metres and centimetres and centimetres and millimetres. Pupils will then compare, add and subtract lengths. Towards the end of the half term pupils will be introduced to perimeter and learn how to measure and calculate it.
Spring Two	Fractions, Mass and capacity	Pupils will learn about fractions, beginning by comparing and ordering unit and non-unit fractions. Pupils will learn about fractions and scales and how to count and look for equivalent fractions on a number line. Time will be spent using scales to measure mass in grams and kilograms, as well as being able to compare and add and subtract mass. Pupils will measure capacity and volume in millilitres and litres. They will then add and subtract capacity and volume.
Summer One	Fractions, Money and Time	Build on fractions by focusing on adding and subtracting fractions with the same denominator within one whole. Pupils will then learn about tenths, where they will count in tenths and learn the equivalence of tenths as decimals. Time will be spent learning about money, pupils will build upon their knowledge of adding and subtracting money, as well as, learning about change. Towards the end of the half term pupils will look at time. They will look at months and years, hours in a day, telling the time to 5 minutes and to the nearest minute. They will learn about a.m. and p.m., the 24-hour clock, finding and comparing durations, measuring time in seconds and problem solving with time.
Summer Two	Shape and Statistics	In shape, pupils will focus on turns and angles, right angles in shapes and compare angles. Pupils will learn how to draw accurately and understand the terms horizontal, vertical, parallel and perpendicular. They will also be able to recognise and describe 2 and 3-D shapes, as well as, make 3D shapes. Towards the end of the term time will be spent learning how to interpret and present data using bar charts, pictograms and tables. Pupils will then solve one-step and two-step questions using information presented in bar charts, pictograms and tables.