

Maths Curriculum Overview - Year 4

	Unit	Details
Autumn One	Place Value, Addition and Subtraction	Pupils in Year 4 will start the academic year by looking at numbers to 1000, they will represent, partition and use number lines to support them. They will then progress to looking at numbers to 10,000 where they will represent and partition these numbers. Pupils will then find 1, 10, 100 and 1000 more or less than a number. Time will also be spent estimating, comparing and ordering numbers to 10,000. Pupils will learn about roman numerals. They will then round to the nearest 10, 100 and 1000. After place value, pupils will focus on addition and subtraction. They will add and subtract 1s, 10s, 100s and 1000s. Towards the end of the half term, pupils will add and subtract two 4-digit numbers with no exchange, an exchange and more than one exchange.
Autumn Two	Area, Multiplication and Division	At the beginning of the half term, pupils will learn about area. They will make shapes and compare areas. Time will be spent on multiplication and division, pupils will multiply and divide by 3, 6 and 9 and then look at the 7, 11 and 12 times table. They will then learn about multiplying by 1 and 0, dividing by 1 and itself and multiplying three numbers together.
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 about factor pairs and how to use them. Time will be spent learning how to multiply and divide by 10 and 100. They will then learn how to multiply and divide a 2-digit and 3-digit number by a 1-digit number. Next, pupils will learn how to measure using kilometres and metres and learn about equivalent lengths. Pupils will then learn about perimeter on a grid, rectangles, rectilinear shapes and polygons.
Spring Two	Fractions and Decimals	At the beginning of this half term pupils will learn about fractions. They will begin by learning about mixed numbers and how to partition, use number lines and compare and order mixed numbers. After that they will learn about improper fractions and understand how to convert mixed numbers to improper fractions and vice versa. Pupils will then learn how to add and subtract fractions. Time will be looking at tenths as a fraction, as a decimal, on a place value chart and on a number line. They will then move onto learning about hundredths as fractions, decimals and on a place value chart.
Summer One	Decimals, Money and Time	At the start of the summer term, pupils will revisit decimals. In particular, they will focus on writing, comparing and ordering decimals. Pupils will then learn about rounding decimals. Time will be spent learning about money, pupils will build upon their knowledge of adding and subtracting money, as well as, estimating and working with money. Towards the end of the half term pupils will look at time. They will learn about hours, minutes, seconds, years, months, weeks and days. Finally pupils will learn how to compare between analogue and digital clocks.
Summer Two	Shape, Statistics, Position and direction	At the beginning of this half term, pupils will learn about shape. They will focus on identifying, comparing and ordering angles. Pupils will learn about triangles in more detail as well as learning about quadrilaterals. Towards the end of the term time will be spent learning how to interpret charts. Pupils will then be introduced into line graphs. At the end of the academic year pupils will learn about position, draw on a grid and move shapes on a grid.