Maths Curriculum Overview

	Autumn	Spring	Summer
Year 4	**Number** Place value – representing and partitioning numbers to 1000, number line to 1000, thousands, representing and partitioning numbers to 10,000, partitioning in different ways, 1, 10, 100, 1000 more or less, number line to 10,000, comparing and ordering numbers up to 10,000, roman numerals, rounding to the nearest 10 / 100 / 1,000 **Number** Addition and subtraction – adding and subtracting 1s, 10s, 100s and 1000s, adding up to two 4-digit numbers (without and with exchange), subtracting two 2-digit numbers (one exchange, then more than one exchange), subtracting efficiently, estimating and checking **Measurement** Area – counting squares, making shapes, comparing area **Number** Multiplication and division A – multiples of 3, multiplying and dividing by 6 and 9, the 3, 6 and 9 times tables, multiplying and dividing by 7, times tables and division facts (x7, x11, x12), multiplying by 1 and 0, dividing a number by 1 and itself, multiplying three numbers	**Number** Multiplication and division B – factor pairs, multiplying and dividing by 10 and 100, related facts for multiplication and division, informal written methods, multiplying and dividing a 2-digit number by 1-digit number, multiplying and dividing 3-digit number by 1-digit number, correspondence problems, efficient multiplication **Measurement** Length and perimeter – kilometres and metres, equivalent lengths, perimeter on a grid, perimeter of a rectangle and rectilinear shapes, finding missing lengths, calculating perimeter, perimeter of regular polygons, perimeter of polygons **Number** Fractions – understanding the whole, counting beyond 1, partitioning mixed numbers, comparing and ordering mixed numbers, improper fractions, converting improper fractions to mixed numbers, equivalent fraction families, adding two or more fractions, adding fractions and mixed numbers, subtracting two fractions, subtracting from whole amounts, subtracting from mixed numbers **Number** Decimals A – tenths as fractions and decimals, tenths on a place value chart and number line, dividing by 10, hundredths as fractions and decimals, hundredths on a place value chart, dividing by 100	**Number** Decimals B – making a whole with tenths and hundredths, partitioning decimals, flexibly partitioning decimals, comparing and ordering decimals, rounding to the nearest whole number, halves and quarters as decimals **Measurement** Money – writing money using decimals, converting pounds and pence, comparing and estimating with money, calculating and solving problems with money **Measurement** Time – years, months, weeks and days, hours, minutes and seconds, converting between analogue and digital, converting to and from the 24 hour clock **Geometry (consolidation)** Shape – angles, triangles, quadrilaterals, polygons, lines of symmetry **Statistics (consolidation)** Charts, line graphs, comparison, sum and difference **Geometry (consolidation)** Position and direction – coordinates, drawing 2D shapes on a grid, translating on a grid