



Year 6 Maths Overview

	First Half Term	Second Half Term
Autumn	<p>Place Value Read, write order and compare number to 10,000,000, Powers of 10, Round any integer, negative numbers</p> <p>Four operations Common factors and multiples, Primes to 100, Square and cube numbers, multiply up to a 4 digit number by a 2 digit number, Short and long division (with and without remainders), Order of operations</p>	<p>Fractions Compare, order and simplify fractions, Add and subtract fractions</p> <p>Fractions, decimals and percentages Decimal and fractions equivalents, Order fractions, decimals and percentages, Percentages of amounts</p> <p>Converting Units Convert and calculate measures, imperial measures, Miles and Kilometres</p>
Spring	<p>Ratio Use ratio label and symbol, Scale drawing and factors, Ratio and proportion problems</p> <p>Algebra Form expressions and equations, Substitution and formulae, Finding pairs of values</p> <p>Decimals Round, add and subtract decimals, Multiply and divide by 10, 100 and 1000, Multiply and divide by integers</p>	<p>Area, perimeter and volume Area of any triangle, Area of a parallelogram, Volume of cuboid</p> <p>Statistics Line graphs, Bar charts, Read, interpret and draw pie charts, The mean</p>
Summer	<p>Shape Calculate angles in triangles, quadrilaterals and polygon, Circles, Nets of 3-d shapes</p> <p>Position and direction Read and plot points in four quadrants, Translations, Reflections</p>	<p>Themed projects, consolidation and problem solving</p>