Key stage 2 Maths Curriculum Overview		
	Year 5	Year 6
Number & Place Value	Read, write, order & compare numbers to at least 1,000,000. Round whole numbers Interpret negative numbers in context.	Round whole numbers and decimals. Use negative numbers in context.
Calculation	Add & subtract numbers with more than 4 digits formally as well as developing mental methods. Multiply and divide up to a four digit number by a one digit number. Identify multiples, factors, common factors and primes. Multiply and divide by 10/100/1000. Solve addition and subtraction multi step problems.	Perform mental calculations including with mixed calculations and large numbers. Use formal methods to multiply and divide up to a four digit by a two digit number. Order of operations. Use estimation to check answers. Solve multiplication and division multi step problems.
Fractions, Decimals & Percentages	Compare and order fractions where denominators are multiples. Mixed numbers and improper fractions. Convert decimals to fractions. Work with numbers up to 3 decimal places. Solve problems which require percentage and decimal equivalents of simple fractions.	Simplify fractions. Add and subtract fractions using common denominators. Multiply fractions. Divide fractions by a whole number. Recall equivalences between fractions, decimals and percentages.
Measures	Convert between different units of metric measure. Perimeter and area of rectangles.	Solve problems involving conversion of metric units. Perimeter and area of rectilinear shapes. Area of triangles and parallelograms. Volume of cubes and cuboids.
Geometry	Draw and measure angles. Properties of regular and irregular polygons. Reflection and translation	Construct 2D shapes. Describe and make 3D shapes Compare and classify geometric shapes. Properties of a circle. 4 quadrant co-ordinates.
Statistics	Read and interpret data in tables and graphs	Interpret and construct pie charts and line graphs. Calculate the mean as an average
Ratio		Solving problems involving unequal sharing.
Algebra		Begin to express problems algebraically and use simple formulae.