

Key Objectives for Year Six

Maths	
6M1	Use negative numbers to calculate intervals across zero
6M2	Divide numbers using long division, interpreting the remainders as appropriate
6M3	Use order of operations to carry out calculations
6M4	Use common factors to simplify fractions
6M5	Compare and order fractions of any size
6M6	Add and subtract fractions with different denominators and mixed numbers
6M7	Multiply simple pairs of proper fractions
6M8	Divide proper fractions by whole numbers
6M9	Calculate decimal fraction equivalents for simple fractions
6M10	Multiply a number with up to two decimal places by whole numbers
6M11	Use written division with answers of up to two decimal places
6M12	Solve problems involving the calculation of percentages
6M13	Recall and use equivalences between fractions, decimals and percentages
6M14	Solve problems using ratio using multiplication and division facts
6M15	Solve problems involving similar shapes where the scale factor is known
6M16	Solve problems involving proportion, using knowledge of fractions and multiples
6M17	Use simple formulae
6M18	Generate and describe linear number sequences
6M19	Express missing number problems algebraically
6M20	Convert units of measure between smaller and larger units
6M21	Convert between miles and kilometres
6M22	Calculate the area of parallelograms and triangles
6M23	Calculate and compare volume of cubes and cuboids
6M24	Illustrate and name parts of a circle
6M25	Finding missing angles in triangles, quadrilaterals and regular polygons
6M26	Recognise vertically opposite angles and find missing angles
6M27	Describe positions on the full co-ordinate grid
6M28	Translate shapes on a co-ordinate grid and reflect in the axes
6M29	Construct and interpret pie charts
6M30	Calculate the mean as an average