Mathematics - Curriculum Overview

Year	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
5	Place value Addition and Subtraction Multiplication and division	Multiplication and division Fractions	Fractions Decimals and percentages Perimeter and area	Statistics Properties of shapes	Position and direction Decimals Negative numbers Converting units	Volume Projects and consolidation
6	Place value Addition, subtraction, multiplication and division Fractions	Fractions Converting units Ratios	Introduction to algebra Decimals Percentages	Percentages Area and Volume Statistics Properties of shapes	Properties of shapes Position and direction	Projects and consolidation
7	Sequences Algebraic notation Equality and equivalence	Place value FDP equivalence Problems with addition and subtraction	Directed numbers (+/-) Adding and subtracting fractions Problems with multiplication and division	Directed numbers (x/÷) Fractions of amounts Construction and geometric notation	Geometric reasoning Number sense	Sets and probability Numbers and proof
8	Multiplying and dividing fractions Ratios and scale Multiplicative change	Sequences Indices Expanding brackets Representing data Probability	Cartesian plane Fractions and percentages Brackets, inequalities and equations	Standard form Number sense Angles in parallel lines and polygons	Area of trapezia and circles Lines of symmetry Data handling cycle	Measure of location Consolidation