Maths Curriculum Plan

	Half Term	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn Term	1	Place value Addition and subtraction Multiplication and division Factors and multiples Primes and indices Order of operations	Linear equations Angles Area and perimeter Percentages 1 Ratio and proportion	Algebraic expressions Linear equations Ratio and proportion Standard form Sequences Straight line graphs	**Foundation** Tables Statistics Averages Charts and graphs Pie charts Scatter graphs Parallel lines Polygons Quadratic equations Pythagoras Perimeter and area 3D forms and volume Probability Compound measures Constructions and loci Similarity and congruence **Higher** Surds and indices Recurring decimals Changing the subject Linear graphs Solving quadratics Simultaneous equations Proportion Averages and range Representing data Polygons, angles and parallel lines Pythagoras' theory Trigonometry Perimeter and area of circles 3D volumes Constructions Probability Compound measures Similarity and congruence Further Trigonometry Vectors and geometric proof	**Foundation** Trigonometry Vectors Graphs Simultaneous equations Proof Accuracy and bounds **Higher** Quadratic inequalities Quadratic sequences Circle theory Transformations of graphs Graphing inequalities Algebraic fractions Proof Functions Gradient and area under curve Growth and decay
	2					
Spring Term	3	Geometry Fractions Algebraic expressions Fractions and percentages	Fractions 2 2D geometry Statistics 2 Probability	Real life graphs Transformations Inequalities Quadratic expressions		
	4					
Summer Term	5	Rounding Algebraic expressions 2 Statistics	Percentages 2 Algebraic expressions 3 Linear equations	Quadratic graphs Probability Pythagoras' theory Trigonometry		
	6					