

Mathematics Curriculum Overview 2018 - 2019

	Aut1	Aut2	Spr1	Spr2	Sum1	Sum2
Year 7	Integers, powers and roots Sequences, Functions and Graphs Lines, Angles and Shapes	Data – interpreting results Construction and Loci Calculations and Accuracy	Transformations Simplifying and Substituting Ratio and Proportion	Forming and Solving Equations Area and Perimeter Probability	Volume and Surface Area Fractions, Decimals and Percentages	Measures Inequalities Statistical Enquiries
Year 8	Integers, powers and roots Sequences, Functions and Graphs Lines, Angles and Shapes	Data – interpreting results Construction and Loci Calculations and Accuracy	Transformations Simplifying and Substituting Ratio and Proportion	Forming and Solving Equations Area and Perimeter Probability	Volume and Surface Area Fractions, Decimals and Percentages	Measures Inequalities Statistical Enquiries
Year 9	Number and algebra; Revision; Problem solving; Transition to GCSE (9-1)	Algebra; Interpreting and representing data; Problem solving; Transition to GCSE (9-1)	Fractions and Ratio Percentages; Averages and range; Problem solving; Transition to GCSE (9-1)	Pythagoras' theorem; Angles and trigonometry; Revision; Graphs; Area and Volume; Transition to GCSE (9-1)	Transformations and constructions; Equations and inequalities; Problem solving; Transition to GCSE (9-1)	Probability; Multiplicative reasoning; Problem solving; Transition to GCSE (9-1)
Year 10	Equations and inequalities; Probability	Multiplicative reasoning; Similarity and congruence	Trigonometry; Further statistics;	Equations and graphs;	Circle theorems; Algebra	Surds, algebraic fractions, proof; Vectors and geometric proof
Year 11	Revision of equations and inequalities; Probability	Multiplicative reasoning; Similarity and congruence	Trigonometry; Further statistics; Equations and graphs; Circle theorems	Algebra; Surds, algebraic fractions, proof; Vectors and geometric proof	Proportion and graphs; Revision	Examinations