

	Year 10	Year 11
Autumn half term 1 Sequential knowledge and skills	Number Fractions Indices Standard Form Surds Recurring Decimals Product of Primes, LCM and HCF Start Ratio, Percentages Similar Shapes and Trig Ratio Compound and Simple Interest	Complete Shape and Space Volume Converting Metric Area and Volume Rates of Flow Plans and Elevations Number Upper and Lower Bounds Propagation of Errors Compound Measures Speed, Density, Pressure Start Algebra 2 Inequalities – linear and quadratic Simultaneous Equations
Assessment Content and methods used to judge learning	Test - number	Test -shape and space, number, compound measures
Autumn half term 2 Sequential knowledge and skills	Complete Ratio, Percentages Similar Shapes and Trig Similar Shapes Trigonometry in Right Angled Triangles Enlargement Area and volume of Similar shapes Start Graphs Straight line graphs	Complete Algebra 2 Expanding 3 brackets Algebraic fractions Iterations Revision for Mock Exams Start Proportion and Graphs Direct and Indirect Proportion
Assessment Content and methods used to judge learning	Test – Ratio etc	Test – algebra 2 Mock Exams
Spring half term 3 Sequential knowledge and skills	Complete Graphs Quadratic Graphs Circles Midpoints Calculations work Non-Calculator techniques Start Algebra 1 Expanding 1 bracket and Linear Factorising Solving Linear Equations	Complete Proportion and Graphs Cubic and Reciprocal Graphs Exponential Graphs Tangents to curves and area under Graphs Kinematics Functions and Graph Transformations Sequences and Proof Probability

	Year 10	Year 11
Assessment Content and methods used to judge learning	Test - Graph Test - Calculations	Exam Paper
Spring half term 4 Sequential knowledge and skills	Continue Algebra 1 Expanding 2 brackets Factorising quadratic expressions Solving Quadratic Equations by factorising Completing the square Solving Quadratic Equations by completing the square and the quadratic formula Start Geometry Angles and geometrical reasoning Circle Theorems	Vectors Revision until exams
Assessment Content and methods used to judge learning	Algebra Test	Exam Paper
Summer half term 5 Sequential knowledge and skills	Complete Geometry Constructions and Loci Circle Theorems Congruent Triangles Geometrical Proof Transformations Start Statistics Sampling Representing and Interpreting Data Revision for End of Year exam	Revision
Assessment Content and methods used to judge learning	Geometry Test	
Summer half term 6 Sequential knowledge and skills	End of Year exams Complete statistics Comparing Data Averages Bivariate data Histograms Start Shape and Space Area	Exams
Assessment Content and methods used to judge learning Assessment	End of Year Exam Statistics Test	GCSE Exam