

	Year 10	Year 11
Autumn half term 1 Sequential knowledge and skills	Number Significant Figures Fractions Decimals and Percentages 4 operations with fractions Rules of Indices Standard Form 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 Plans and Elevations Number Upper and Lower Bounds Compound Measures Speed, Density, Pressure Start Algebra 2 Inequalities – linear
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 Percentages & Reverse Percentages Lengths of Similar Shapes Enlargement Trigonometry in Right Angled Triangles (depending on set) Straight Line Graphs Straight line graphs using $y = mx+c$, parallel lines, interpreting gradient and y intercept in context Midpoints of lines	Complete Algebra 2 Linear Simultaneous Equations – graphically and (depending on set) algebraically Revision for Mock exams Start Proportion and Graphs Direct and Indirect Proportion
Assessment Content and methods used to judge learning	Test – Ratio Test Graphs	Test – Algebra 2 Mock Exams
Spring half term 3 Sequential knowledge and skills	Calculations Non-Calculator techniques – long division and multiplication, estimation, best buys Start Algebra 1 Expanding 1 bracket and Linear Factorising Substitution Solving Linear Equations	Complete Proportion and Graphs Quadratic, Cubic and Reciprocal Graphs Identifying different types of graphs Sequences and Proof Probability Vectors

	Year 10	Year 11
Assessment Content and methods used to judge learning	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 Rearranging Formulae Start Geometry Angles on parallel lines, polygons, triangles and geometrical reasoning Bearings	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 Scales and Scale drawings Geometrical Proof Transformations -rotations, reflections translations and combinations of these 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 Start Shape and Space Area and surface area	Exams
Assessment Content and methods used to judge learning Assessment	End of Year Exam Statistics Test	GCSE Exam