

Year	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
7	Numbers, counting and comparing. Order of operations. Decimal calculations. Geometric notation and constructions. Properties of 3D and 2D shapes.		Introduction to algebra. Exploring fractions, decimals and percentages. Introduction to ratio. Introduction to solving equations. Linear sequences. Investigating angles.		Calculating with fractions and percentages. Surface area and volume of 3D shapes. Rounding and estimation. Transformations. Introduction to statistics.	
8	Standard form. Review of working with negative numbers. Angles in shapes and parallel lines. Introduction to probability. Algebra II & laws of indices.		Converting between fractions and decimals. Ratio and proportion. Sequences II. Scale factors and bearings. Plans and elevations. Percentages. Solving equations II.		Circles and volume of prisms Plotting graphs. Probability II Averages.	
9	Bounds and indices. Loci and construction. Algebra III. Ratio and Proportion II.		Sequences II. Solving inequalities. Circles and Pythagoras. Congruence. Plotting graphs II		Simultaneous equations. Probability III. Presentation of data. Probability IV	
10 (Edex- cel)	Surds and Indices. Trigonometry I Iteration. Transformations II. Algebra IV		Algebraic proportion. Sequences III. Graphical inequalities. Volume and surface area of 3D shapes.		Circle theorems. Interpreting graphs. Percentages II and recurring decimals. Solving equations III. Probability V.	
11 (Edex- cel)	Analysing statistics. Parallel and perpendicular lines. Vectors. Trigonometry II. Quadratics.		Functions. Solving equations IV. Transformations of graphs. Histograms. Proof.		Key: Algebra Number Shape, space and measure Data handling	
12 (OCR MEI)	Surds and indices. Quadratics. Polynomials.	Binomial expansion. Vectors. Probability I.	Trigonometry. Coordinate geometry. Binomial distribution	Hypothesis testing. Differentiation	Exponentials & Logs Variable Acceleration Trigonometry II.	Revision for mocks Data collection. Data processing.

	Equations and inequalities	Kinematics.	Forces and Newtons laws.	Graphs and transformations. Integration.	Vectors II.	Trigonometry III.
13 (OCR MEI)	Differentiation II. Trigonometry IV Probability II. Kinematics.	Functions. Differentiation III. Algebra. Forces and motion. Integration II	Sequences and series Differential equations. Moments. Statistical distributions. Parametric equations.	Hypothesis testing. Projectiles. Numerical Methods Proof. Friction.		Key: Pure Stats Mechanics