

	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1	TRINITY 2
YEAR 7	Algebraic Thinking Unit 1: Sequences Unit 2: Understand algebraic notation Unit 3: Equality and equivalence	Place value and proportion Unit 4: Place value & ordering integers & decimals Unit 5: Fractions, decimals and Percentages	Applications of Number Unit 6: Solving problems with addition and subtraction Unit 7: Solving problems with multiplication and division Unit 8 : Fractions & percentages of amounts	Directed Number Unit 9 : Operations and equations with directed number s Fractional Thinking Unit 10: Addition and subtraction of fraction	Lines and Angles Unit 11: Constructing, measuring and using geometric notation Unit 12: Developing geometric reasoning	Reasoning with Number Unit 13 : Developing number sense Unit 14 : Sets and probability Unit 15: Prime numbers and Proof
YEAR 8	Proportional Reasoning Unit 1: Ratio and Scale Unit 2 Multiplicative Change Unit 3 Multiplying and Dividing Fractions	Representations Unit 4: Working in the cartesian plane Unit 5: Representing Data Unit 6: Tables and Probability	Algebraic Techniques Unit 7: Brackets, equations and inequalities Unit 8: Sequences Unit 9: Working with indices	Developing Number Unit 10: Fractions, Decimals and Percentages Unit 11: Standard Index Form Unit 12: Developing number sense	Developing geometry Unit 13: Angles in parallel lines and polygons Unit 14: Area of trapezia and circles Unit 15: Line symmetry and reflection	Reasoning with data Unit 16: The data handling cycle Unit 17: Measures of location
YEAR 9F	Algebraic Manipulation Simplifying Expressions Expanding and factorising brackets Solving linear equations Rearranging and using formulae	Proportional Reasoning DST calculations and graphs Currency conversions Solve problems involving ratio Calculations and conversions between Fractions, decimals and percentages	Decimals Directed numbers Rounding of decimal places and significant figures Estimating Using the laws of indices	Drawing linear and quadratics graphs Solving linear equations Solving inequalities and representing on a number line	Angles in shapes Angles in parallel lines Angles in polygons Symmetry in shapes Using and converting between metric units	Types of data Averages Scatter diagrams Pie Charts Frequency polygons Stem and Leaf

	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1	TRINITY 2
YEAR 9H	Algebraic Manipulation Simplifying Expressions Expanding and factorising brackets Solving quadratic and linear equations Rearranging and using formulae	Proportional Reasoning DST graphs Solve problems involving currency Solving problems involving ratio Calculations and conversions between Fractions, decimals and percentages	Compound measures: speed , pressure and density Direct and Inverse proportion	Problem solving, forming and solving linear and quadratic equations. Solving simultaneous equations Changing the subject	Angles in shapes Angles in parallel lines Angles in polygons Problem solving with angles including with algebra Pythagoras and Trigonometry	Types of data Averages Scatter diagrams Histograms Cumulative Frequency Frequency polygons
YEAR 10F	Algebraic manipulation and solving linear and quadratic equations Solving pairs of Simultaneous equations graphically and algebraically	HCF , LCM, Prime Factor Trees, venn diagrams Indices, Standard Form, Compound measures, real life graphs	Property of 2d and 3D shapes Area and perimeter of 2 D shapes Volume and surface area of prisms	Pythagoras theorem Trigonometry	Transformations of shapes Vectors	N'th term for linear and quadratic sequences. Adding and subtracting column vector and representations.
YEAR 10 H	Algebraic Manipulation Linear Graphs Gradients and Intercept Recognising graphs of circles, cubics, quadratics, inverse and reciprocals	Properties of 2d and 3d shapes Perimeter and area Volume and surface area of shapes including spheres, pyramids and frustums	Inequalities Upper and Lower bounds Estimating using significant figures Using standard form, Indices and Surds	Transformations of shapes Congruence and similarity Vectors	Probability of non/independent events Sample space Probability trees Venn diagrams Frequency diagrams	Transformation of graphs Circle theorems Equation of a circle Transformation of functions Trigonometric Graphs

	MICHAELMAS 1	MICHAELMAS 2	LENT 1	LENT 2	TRINITY 1	TRINITY 2
YEAR 11 H	Transformation of graphs Circle theorems Equation of a circle Transformation of functions Trigonometric Graphs	Gradient of a curve Area under a curve Interpret velocity/time graphs Vectors 3D Trig and Pythagoras Loci and constructions	Revision	Revision	Revision	Revision
YEAR 11F	Angle review Bearings Compound measures	Construction and Loci Real Life graphs	Revision	Revision	Revision	Revision