Maths

Time of year	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn 1	Sequences Understand and use algebraic notation Equality and Equivalence Place value and ordering	Ratio and scale Multiplicative change Multiplying and dividing fractions	Straight line graphs Forming and solving equations Testing Conjectures	Similarity, Congruence and Enlargement Trigonometry Representing Solutions for Equations and Inequalities	Collecting and Representing Data Non Calculator Methods Sequences
Autumn 2	Fractions, Decimals and Percentages Solving problems with addition and subtraction	Working in the Cartesian plane Tables and probability Representing data Brackets, equations and inequalities	3D shapes Constructions and congruency Numbers	Simultaneous Equations Angles and Bearings Working with Circles	Gradients and Lines Indices and Roots Manipulating Expressions
Spring 1	Solving problems with multiplication and division Fraction and percentages of amounts	Sequences Indices Fractions & percentages	Numbers Using percentages Maths and money	Vectors Ratio and Fractions Probability	Non Linear Graphs Interpreting Graphs Expanding & Factorising Changing the Subject
Spring 2	Operations with equations and directed number Addition and Subtraction of Fractions	Number sense Standard form Angles in parallel lines and polygons	Deduction Rotation and translation Pythagoras	Percentages and Interest Collecting and Representing Data	Multiplicative Reasoning Revision of Angles Transformation Revision Listing and Describing

Time of year	Year 7	Year 8	Year 9	Year 10	Year 11
Summer 1	Constructing and measuring Using geometric notation Developing geometric reasoning	Area of trapezia and circles Lines of symmetry Data handling cycle	Enlargement and similarity Ratio and proportion Rates	Mock Preparation Non Calculator Methods	Revision
Summer 2	Sets and probability Number sense Prime numbers and proof	Data handling cycle Measures of location	Probability Algebra	Types of Number and Sequences Indices and Roots Manipulating Expressions	**External examinations**