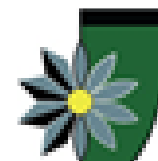


Mathematics						
	Autumn 1	Autumn 2	Spring 3	Spring 4	Summer 5	Summer 6
Year 10	Expressions & Equations Quadratics & Formulae Ratio Angles, Scales & Bearings Co-ordinates & Linear graphs Rounding	Collecting & Representing Data Scattergraphs & Extrapolation Sequences Percentages Perimeter & Area, including Circles	Real Life Graphs Sketching Graphs Fractions & Decimals Probability 1 Pythagoras & Trigonometry including in 3D Polygons	Indices & Standard form Surds Functions Simultaneous Equations	Circle Theorems Inequalities Vectors	Statistical Measures Algebraic Fractions Measures Congruence & Similarity Construction & Loci Transformations & Invariance
	<b>Assessment</b>					
	Starters focus on targeting students' recall of knowledge. Exam practice tasks feature at the end of each topic. All students follow the curriculum for the Higher Tier in Year 10. Students in set 1 may explore concepts in greater depth and at a quicker pace, with lower sets focus on securing understanding of 'crossover' knowledge.					



Mathematics						
	Autumn 1	Autumn 2	Spring 3	Spring 4	Summer 5	Summer 6
<b>Year 11 Set 1</b>	Sketching graphs Direct & Inverse proportion Inequalities	Trigonometry 2: Sine & Cosine Vectors Growth & Decay  Year 11 Mocks & Analysis	Algebraic fractions Gradients & rates of change Pre-calculus area under a curve  Targeted revision	Year 11 Mocks 2 & Analysis  Targeted revision	Targeted revision  Exam season	Exam season
	<b>Assessment</b> Starters focus on targeting students' recall of knowledge. Exam practice tasks feature at the end of each topic. Homework follows a practice paper & Pinpoint learning booklet programme.					
<b>Sets 2&amp;3</b>	Probability Algebraic manipulation Quadratic equations & Algebraic fractions Scattergraphs Statistical Measures	Transformations & invariance Vectors Direct & Inverse proportion  Year 11 Mocks & Analysis	Trigonometry 2: Sine & Cosine Numerical Methods Equation of a circle & tangents Sketching graphs Graph transformations	Gradient & rates of change Pre-calculus area under a curve Growth & Decay Construction & Loci  Year 11 Mocks 2 & Analysis	Targeted revision  Exam season	Exam season
	<b>Assessment</b> Starters focus on targeting students' recall of knowledge. Exam practice tasks feature at the end of each topic. Homework follows a practice paper & Pinpoint learning booklet programme.					
<b>Sets 4&amp;5</b>	Probability Algebraic manipulation Quadratic equations & Algebraic fractions Scattergraphs Statistical Measures	Transformations Vectors Direct & Inverse Proportion  Year 11 Mocks & Analysis	Trigonometry 2: Sine & Cosine Numerical Methods Equation of a circle Sketching graphs Graph translations & reflections	Gradient & rates of change Pre-calculus area under a curve Construction & Loci  Year 11 Mocks 2 & Analysis	Targeted revision  Exam season	Exam season
	<b>Assessment</b> Starters focus on targeting students' recall of knowledge. Exam practice tasks feature at the end of each topic. Homework follows a practice paper & Pinpoint learning booklet programme.					

All students follow the curriculum for the Higher Tier until Autumn mocks. From Spring students begin to focus their knowledge and exam technique to their appropriate tier of entry with lower sets working on crossover problems at grades 4&5.