

KS5 : AS level Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 12	<p>Pure</p> <ul style="list-style-type: none"> Algebraic Expressions Quadratics Equations and Inequalities Graphs and Transformations <p><u>Applied: Statistics</u></p> <ul style="list-style-type: none"> Data Collection Measure of Location and Spread Representation of Data 	<p>Pure</p> <ul style="list-style-type: none"> Straight Line Graphs Circles Algebraic Methods <p><u>Applied: Statistics</u></p> <ul style="list-style-type: none"> Correlation Probability Statistical Distributions Hypothesis Testing 	<p>Pure</p> <ul style="list-style-type: none"> Binomial Expansion Trigonometric Ratios Trigonometric Identities and Equations <p><u>Applied: Mechanics</u></p> <ul style="list-style-type: none"> Modelling in mechanics Constant acceleration 	<p>SPure</p> <ul style="list-style-type: none"> Vectors 1 Differentiation <p><u>Applied: Mechanics</u></p> <ul style="list-style-type: none"> Forces and Motion Variable acceleration 	<p>Pure</p> <ul style="list-style-type: none"> Integration Exponentials and logs <p>Exam Revision</p>	<p>Mock Exams</p> <p><u>Pure (Start year 13 A-level content)</u></p> <ul style="list-style-type: none"> Algebraic Methods Functions and Graphs Sequences and Series