



Ursuline College – Maths Department – KS5- Curriculum Journey



	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 12	Pure: Algebra Quadratics and Cubic Inequalities and Simultaneous Equations Applied: Statistical Sampling Data Presentation Quantities and Units in Mechanics Kinematics	Pure: Coordinate Geometry, Graphs and Circles The Binomial Expansion Applied: Data Interpretation Probability Kinematics Forces	Pure: Trigonometry Exponentials and Logarithms Differentiation Applied: Kinematics Statistical Distributions Forces and Newton's Law	Pure: Integration Vectors Proof Applied: Statistical Hypothesis Testing Forces and Newton's Laws	Exam Practice and revision AS Exam	Pure: Algebra and Functions Trigonometry Applied: Correlation and Regression
Year 13	Pure: Trigonometry Coordinate Geometry in the (x,y) Plane Applied: Kinematics Probability Forces and Friction 1	Pure: Sequences and Series The Binomial Expansion Integration Applied: The Normal Distribution Forces and Friction 1	Pure: Differentiation Integration Applied: Moments Forces and friction 2	Pure: Numerical Methods Vectors Proof Applied: The Normal Distribution Hypothesis testing 2	Exam Practice and revision A-level exams	A Level Exams

(Using a Highlighter, Highlight each section when it is completed.)

