## S Birchwood High School

## Maths A-level Curriculum Map 2022/2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 12	Algebraic Expressions Quadratic Functions Equations and Inequalities Graphs and Transformations Straight Line Graphs Circles	Algebraic Methods The Binomial Expansion Trigonometric Ratios Trigonometric Identities and Equations Vectors	Differentiation Integration Exponentials and Logarithms	Data Collection Measures of Location and Spread Representations of Data Correlation Probability Statistical Distributions Hypothesis Testing	Modelling in Mechanics Constant Acceleration Forces and Motion Variable Acceleration Mock Exams	Algebraic Methods Functions and Graphs Sequences and Series Revision Past paper practice
Year 13	Binomial Expansion Radians Trigonometric Functions Trigonometry and Modelling Parametric Equations	Differentiation Numerical Methods Integration	Integration Vectors Regression, Correlation and Hypothesis Testing	Conditional Probability The Normal Distribution Moments	Forces and Frictions Projectiles Applications of Forces Further Kinematics	Revision Past paper practice

## your dreams, your future, our challenge