

A-Level Maths Curriculum Overview 2024-25

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 12	Unit description	Indices Surds Equations Inequalities Graphs and Transformations The Equation of a Straight Line Binomial Expansion Differentiation Modelling and Acceleration	Differentiation Probability Algebraic methods and proof Data Collection Integration Trigonometry Vectors	Differentiation Forces and Motion Location and Spread Exponentials and Logs Circles	Representations Correlation Integration Trigonometry – Sine and Cosine Rule Variable Acceleration	Distributions Hypothesis Testing Radians Forces and Friction Algebraic methods Moments	Trigonometric Functions Differentiation Radians Binomial expansion
	Assessment	Baseline Assessment Assessment 1 Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Assessment 2 Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Assessment 3 Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Assessment 4 Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Weekly Retrieval Book Tasks End of Year Assessments Regular Homework Consolidation Tasks/Exam Questions
	Challenge	Senior Maths Challenge. Use of Challenge Questions in the textbook. Open University Christmas lecture All students will be taught the content but should challenge themselves to complete all exercises from the book, particularly the exam style and challenge questions.					
	Inclusion	Identified students will be given a range of support, including small group intervention, Maths Help, individual login to Integral website additional resources purchased.					

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		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 13	Unit description	Conditional Probability Sequences and Series Differentiation Forces	Correlation, Regression and Hypothesis Testing Integration Functions, Modulus and Graphs	Vectors Numerical Methods Projectiles Normal Distribution Parametric Equations	Parametric Equations Further Kinematics	Structured Revision: <ul style="list-style-type: none"> - Topic reviews based on mock QLA and frequency of topics - Examination paper practice - Large data set review Possible Year 13 Additional Mock exam and final preparation Year 13 Exam Dates: Pure 1: 4 th June 2025 Pure 2: 12 th June 2025 Applied: 19 th June 2025	
	Assessment	Pure Assessment Applied Assessment Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Pure Assessment Applied Assessment Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Mock Exams Weekly Retrieval Book Tasks Regular Homework Consolidation Tasks/Exam Questions	Past Exam Papers	Possible Year 13 Additional Mock exam	
	Challenge	Senior Maths Challenge. Use of Challenge Questions in the textbook. All students will be taught the content but should challenge themselves to complete all exercises from the book, particularly the exam style and challenge questions.					
	Inclusion/ Catch Up	Identified students will be given a range of support, including small group intervention, Maths Help, individual login to Integral website additional resources purchased.					