

Maths



Scheme of Work- Year 13

			Year 13 A-Level Pure Maths 2025 - 2026						
Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2			
1	Algebra VIII Algebraic methods/ Functions and Graphs/ Sequences and Series/ Binomial Expansion	Mock 1	Algebra X Numerical Methods/Iteration/Locating roots/The Newton-Raphson method	Mock 2	Geometry II Vectors in 3 Dimensions				
2			Calculus V Integration:						
3		Calculus IV Differentiation of trigonometric functions/Differentiation of logarithmic and exponential functions	Integrating standard functions/Integration of $f(ax+b)$ /Using trigonometric identities	Calculus V Solving differential Equations					
4			Integration using reversed chain rule/substitution method/Integration by parts/ Area under the curve/Trapezium Rule						
5	Trigonometry III Radians/ Trigonometric Functions/Modelling with Trigonometric functions	Parametric differentiation/ Modelling with differentiation							
6									
7	Algebra IX Parametric Equations								
8									

		Year 13 A-Level Applied Maths 2025 - 2026							
Week	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2			
1	Mechanics VIII - Moments/Forces and Friction	Mock 1	Mechanics XI: Rigid Bodies/Connected particles	Mock 2	Use QLA to plan topics for teaching				
2			Mechanics XII: Further Kinematics/ Vectors in kinematics/projectiles with vectors						
3		Statistic VII: Correlation and hypothesis testing		Statistic IX: Normal Distribution					
4			Statistic VIII: Conditional Probability						
5	Mechanics IX: Projectiles	Differentiating vectors/ Integrating Vectors							
6	Mechanics X: Application of forces								
7									
8									