

Year 12 (A Level Maths)

Pure AS		Statistics AS	Mechanics AS
Algebra and functions 1		Data collection	Constant acceleration
Test 1		Measures of location and spread	Test 1
Coordinate geometry	Differentiation	Representations of data	Forces and motion
Algebra and functions 2	Test 3	Test 1	Test 2
Test 2	Integration	Correlation	Variable acceleration
Exponentials and logarithms	Test 5	Probability	Test 3
Binomial expansion	Vectors (2-D)	Test 2	Mechanics A2
Trigonometry	Proof	Statistical distributions	Moments
Test 4	No test	Hypothesis testing	Test 1
Pure A2		Test 3	Forces and friction
Trigonometry 1	Algebra and functions	Statistics A2	Test 2
Trigonometry 2	Numerical methods	Regression, correlation and hypothesis testing	Projectiles
Test 2	Test 1	Test 1	Test 3
Partial fractions	Differentiation 1	Conditional probability	Applications of forces
Binomial expansion	Test 3	Test 2	Test 4
Test 4	Pure	The normal distribution	Further kinematics
Parametric equations	Differentiation 2	Test 3	Test 5
Vectors (3-D)	Test 5 (optional)		
Proof by contradiction	Integration		
No test	Test 6 (optional)		

A Level Mathematics exams (May/June)

Year 13 (A Level Further Maths)

Core Pure 1		Further Statistics 1	Further Mechanics 1
Matrices	Volumes of revolution	Discrete random variables	Momentum and impulse
Test	Series	Poisson distributions	Test
Linear transformations	Test	Test	Work, energy and power
Proof by induction	Complex numbers	Geometric and negative binomial distributions	Test
Test	Argand diagrams	Hypothesis testing	Elastic strings and springs
Vectors	Test	Test	Test
Test	Roots of polynomials	Central limit theorem	Elastic collisions in one dimension
	Test	Chi-squared tests	Test
Core Pure 2		Test	Elastic collisions in two dimensions
Series	Methods in calculus	Probability generating functions	Test

Test	Test	Quality of tests	
Hyperbolic functions	Complex numbers	Test	
Test	Test		
Methods in differential equations	Volumes of revolution		
Test	Test		
Modelling with differential equations	Polar coordinates		
Test	Test		
A Level Further Mathematics exams (May/June)			

Scheduled tests may be subject to change due to time constraints and content coverage.

Progress report grades will be based on all preceding tests.