A level Mathematics – Year One

Pure Mathematics (Blue)

Chapter	Topic	
1	Algebraic Expressions	
2	Quadratics	
3	Equations and Inequalities	
4	Graphs and Transformations	
5	Straight Line Graphs	
6	Circles	
7	Algebraic Methods	
8	The Binomial Expansion	
9	Trigonometric Ratios	
10	Trigonometric Identities and Equations	
11	Vectors	
12	Differentiation	
13	Integration	
14	Exponentials and Logarithms	

Applied Mathematics (Orange)

Chapter	Topic	
1	Data Collection	
2	Measures of Location and Spread	
3	Representations of Data	
4	Correlation	
5	Probability	
6	Statistical Distributions	
7	Hypothesis Testing	
8	Modelling in Mechanics	
9	Constant Acceleration	
10	Forces and Motion	
11	Variable Acceleration	

A level Mathematics – Year Two

Pure Mathematics (Blue)

Chapter	Topic	
1	Algebraic Methods	
2	Functions and Graphs	
3	Sequences and Series	
4	Binomial Expansion	
5	Radians	
6	Trigonometric Functions	
7	Trigonometry and Modelling	
8	Parametric Equations	
9	Differentiation	
10	Numerical Methods	
11	Integration	
12	Vectors	

Applied Mathematics (Orange)

Chapter	Topic	
1	Regression, Correlation and Hypothesis Testing	
2	Conditional Probability	
3	The Normal Distribution	
4	Moments	
5	Forces and Friction	
6	Projectiles	
7	Application of Forces	
8	Further Kinematics	