

# KS5 Mathematics

AT WOOTTON ACADEMY TRUST

Content Key:

- Pure
- Mechanics
- Statistics

Linear Geometry	Algebraic Methods
Algebraic Expression	Modelling in Mechanics
Graphs & Transformations	Data Collection
Quadratics	Representing Data



Trigonometry from GCSE	Trigonometric Identities
Equations & Inequalities	Vectors
Differentiation	Integration
Constant Acceleration	Circle Geometry
Location & Spread	Probability

Year  
12

- Parametric Equations
- Trigonometry & Modelling
- Normal Distribution

- Further Differentiation
- Trigonometric Functions
- Moments
- Forces & Friction



- Algebraic Methods & Proof
- Functions and Graphs
- Trigonometry & Radians
- Further Binomial
- Variable Acceleration
- Hypothesis Testing

- Binomial Expansion
- Logarithms & Exponentials
- Forces & Motion
- Statistical Distributions
- Correlation

Year  
13

- Numerical Methods
- Further Integration
- Sequences & Series
- Applications of Forces
- Regression & Testing

- Further Vectors
- Further Kinematics
- Projectiles
- Conditional Probability

