

A Level Maths Courses
EDEXCEL, OCR, AQA

AS subject matter is covered in the morning sessions

A Level subject matter is covered in the whole day

Course 1 Statistics (AM)

- Data collection
- Measures of location and spread
- Representation of data
- Correlation
- Probability
- Statistical distributions
- hypothesis testing

Course 1 Statistics (PM)

- Regression, Correlation & Hypothesis testing
- Conditional Probability
- The Normal Distribution

Course 2 Mechanics (AM)

- Modelling in Mechanics
- Forces and Motion
- Constant acceleration
- Variable acceleration

Course 2 Mechanics (PM)

- Moments
- Forces and Friction
- Projectiles
- Applications of Forces
- Further Kinematics

Course 3 Pure Maths (AM)

- Proof 1
- Algebra 1
- Coordinate geometry in the (x,y) plane
- Binomial Expansion 1

Course 3 Pure Maths (PM)

- Proof 2
- Algebra and functions 2
- Binomial Expansion 2

Course 4 Pure Maths(AM)

- Exponentials and logarithms
- Vectors 1

Course 4 Pure Maths(PM)

- Sequences and Series
- Numerical methods
- Vectors 2

Course 5 Pure Maths (AM)

- Trigonometry 1
- Differentiation 1
- Integration 1

Course 5 Pure Maths (PM)

- Trigonometry 2
- Differentiation 2
- Integration 2