

MATHEMATICS

A Level

COURSE CONTENT

A range of Mathematical skills are taught across the 2 years including Quadratics, Functions, Logarithms, Kinematics and Newton's Law.

ASSESSMENT CRITERIA

Use and apply standard techniques 50%

Reason, interpret and communicate mathematically 25%

Solve problems within mathematics and in other contexts 25%

EXTRA-CURRICULAR OR ENRICHMENT OPPORTUNITIES

Advanced Mathematics Support Program
Various course run at the University of Liverpool.

FUTURE OPPORTUNITIES

BSc Mathematics Degree
BSc/BA Mathematics Combination Degrees

Careers Including:

Cryptographer
Mathematician
Economist
Actuary
Financial planner

PRIOR KNOWLEDGE

Useful: Sampling
Exact Trigonometric Values
GCSE Vectors

Desirable:

Knowledge of circles in algebra
Proof
SIN rules and COSINE Rule

Essential:

GCSE Linear and Quadratic Algebra in expressions and equations.
Basic Trigonometry
Straight Line Graphs

