

Notre Dame

Sixth Form

A level AQA

Mathematics

If you have >>

enjoyed GCSE Mathematics and gained a pass at grade 6 or above.

You can >>

apply to enrol on the Mathematics A level Course.

This will mean >>

you will have gained a valuable and broad based qualification in Mathematics.

This course will appeal to any student who >>

wishes to study mathematics, engineering or physics at university or who simply enjoys challenging their mathematical understanding.

You will >>

develop your Mathematical argument, language and proof and be able to problem solve within a variety of different interesting mathematical areas such as

- Proof
- Algebra and functions
- Coordinate geometry in the (x,y) plane
- Sequences and series
- Trigonometry
- Exponentials and logarithms
- Differentiation
- Integration
- Numerical methods
- Vectors
- Statistical sampling
- Data presentation and interpretation
- Probability
- Statistical distributions
- Statistical hypothesis testing
- Quantities and units in mechanics
- Kinematics