

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

Notre Dame RC School
Looseleigh Lane, Derriford,
Plymouth, PL6 5HN

01752 775 101 | ndsixth@ndonline.org

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- Forces and Newton's laws
- Moments

Course Modules are >>

A2 Exam consists of three two hour papers each worth a third of the A level.

Paper 1 mainly Pure Maths content.

Paper 2 Pure Maths and the Mechanics content.

Paper 3 Pure Maths and the Statistics content.

With this subject you could >>

enter virtually any Higher Education course which has a scientific or statistical element. The qualification is also highly regarded by most employers in similar fields. In short this is one of the most valuable A Level courses on offer.

For more information contact >>

Mrs L Davies

Email ldavies@ndonline.org