

Notre Dame Sixth Form College

A-Level Maths Reading List

Essential Skills

Strong algebra skills are essential for success in A-Level Maths.

You will sit an assessment in the first week of your study at Notre Dame. It will focus on the following GCSE topics:

- **Expanding brackets** (single and double)
- **Factorising expressions**
- **Solving linear equations** (including brackets and fractions)
- **Understanding indices** (fractional and negative powers)
- **Simplifying surds** (including rationalising)
- **Factorising quadratics**
- **Completing the square**
- **Solving simultaneous equations** (linear and quadratic)

The following link contains some excellent videos to support your revision and help you complete the **Transition Booklet**.

<https://www.examsolutions.net/gcse-maths/algebra/>

Transition Booklet

All A-Level Maths students are expected to complete the **A-Level Maths Transition Booklet** before starting the course in September.

If you attended the Experience Days in July, you will have been given a paper copy of this.

If not, a PDF version is available on the website and can be printed.



Notre Dame
CATHOLIC SIXTH FORM COLLEGE

A-Level Maths Transition Booklet

Congratulations on choosing A-Level Maths!

We hope you're going to enjoy studying it as much as we enjoy teaching it.

Before you start here at Notre Dame, we strongly recommend you work through this booklet to keep your skills up to scratch. The topics are split into three sections:

Introduce: these questions should be accessible to you all

Strengthen: these questions are more difficult but you should be able to attempt them

Deepen: these questions will make you think. Try them but don't worry if you find them difficult

Please bring this booklet with you in September.

Name: _____

