



Friday, 20 June 2025

Dear Student,

You are receiving this letter as you have expressed an interest in studying Mathematics A Level here at Ravens Wood School.

As part of our Induction process, you are required to complete pre-course tasks over the summer ready for your start in September 2025.

The Mathematics pre-course task is an online introduction to A Level Mathematics which is designed to prepare and support you as you begin your journey into A level Mathematics and, for some of you, A level Further Maths. The Integral website that you will complete this through is one that we use for some of your homework tasks throughout your A Level course, so this will also give you a little insight into how it works.

The pre-course task covers the topics of Integers, Geometry, Surds and Indices, Coordinate Geometry, Algebraic Manipulation, Trigonometry and Completing the Square. For each of these 7 areas, there are chapters that introduce you to various topics that you will have covered at GCSE and then goes into greater depth to get you ready for A Level.

Before you start the tasks, you need to watch the Introduction Video first, and then the 7 topic areas will appear. There are interactive slideshows to work through, videos to watch and for each of the 7 topics, an Assessment to complete.

Once you have completed the Assessments in all 7 areas you can download a certificate which you will need to bring in to your first mathematics class in September.

In each area there is a "Going Deeper" section which is not compulsory but please feel free to look at if you would like.

The website to use is <https://my.integralmaths.org/login/>

Your username is «Username» (please check your email from Mr Hamilton on 1<sup>st</sup> July)

Your password is «Password» (please check your email from Mr Hamilton on 1<sup>st</sup> July)

We hope you find this task a useful introduction into A Level mathematics and we look forward to welcoming you in September.

Kind regards,

Mrs C Leonard

KS5 Mathematics Coordinator