



## **CORE MATHEMATICS: BRIDGING ACTIVITY**

If you are predicted a good pass or better in GCSE Mathematics and are intending to take A levels or other level 3 courses with mathematical content (e.g. Psychology, Geography, Biology), we would like you to complete the **Core Maths Skills** course on 'Integral'. This will help you to consolidate GCSE Mathematics techniques in contexts that support effective transition to your new studies.

The Core Maths Skills course will cover the following areas of maths from GCSE:

- Measures and standard form
- Percentages 1
- Percentages 2
- Data tables, averages and spread
- Estimation and accuracy
- Interpreting graphs and charts (statistics for life)
- Probability
- Ratio and proportional reasoning

This online course comprises of 2 to 4 hours of study on each of the eight units. Each unit focuses on the GCSE work which is important at the start of Core Maths or in an AS or A level which has some mathematical content such as biology or psychology. The course is designed for you to work through by yourself without input from a teacher over the summer. Each of the eight topics is structured in the following way:

- Chapters containing videos and activities.
- Progress checks – scores will appear on a certificate of completion.
- Practice sheets with full solutions.

You are required to make neat, and detailed, notes for each section on lined paper. You must show all working and file into a level arch folder.

At the end of the course, you can download your certificate which will show the name you signed up with and your assessment scores. Place this certificate in your folder with your workings.

Sign up using your full name here:

[https://my.integralmaths.org/integral/self\\_reg/self\\_reg\\_students.php](https://my.integralmaths.org/integral/self_reg/self_reg_students.php)

## **First day checklist:**

### **Lever arch folder**

- Clearly labelled with your name
- Dividers with the first section holding your bridging work:
  - Certificate at the front
  - Notes from videos, activities, and assessment workings x7 with red pen annotations and markings
  - All corrections made with a red pen.

### **Maths Calculator**

### **Lined paper.**

### **Black pens, red pens, pencil, and ruler.**