



Summer Bridging Unit

This work is to be completed over the summer and handed in to your subject teacher at the end of your third full week in Sixth Form.

Name: Date:

1. Specification task

Open and read **Chapter 2** and **Appendix 4** of the [Pearson Edexcel A-level Mathematics Specification](#)

Answer the following questions

1. What is your motivation for studying A-level Mathematics?
2. What are the 3 main assessment objectives, and how are they examined?
3. Which topics are present in the GCSE and extended in A-level, requiring a good base of understanding from GCSE.

2. Content task

Using [Compulsory Transition Worksheets](#)

1. Read through the notes/examples, and if there are aspects which you have not seen before, write notes.
2. Complete the Extend exercises for each worksheet.

These should be completed on lined paper, clearly titled, and organised.

Use the answers at the bottom of each exercise to check your work, and make a note of any questions you need to ask a teacher about.

Staff will be checking for these in the first weeks of September, and an assessment in the 4th week will check your knowledge and application of these GCSE skills.

Your approach to tasks 1 and 2 will be assessed by your teacher and contribute towards their assessment of whether you have the correct attitude to study A-level Mathematics.

3. Further study task

This will help you get ahead with content that will be covered and developed on in the first units of work.

Using [Extended Transition Worksheets](#)

1. Read through the notes/examples, and if there are aspects which you have not seen before, write notes.
2. Complete the Extend exercises for each worksheet.

These should be completed on lined paper, clearly titled, and organised.

These will further support your Term 1 studies. Completing these, and checking with your teacher any topics of questions which you are unsure of, will allow you to progress more confidently through the topics studied in Term 1.