

# WINDSOR SIXTH FORM SUMMER WORK



## A Level Mathematics

Welcome to A Level Mathematics, where you will build upon the concepts encountered during your GCSE studies, as well as being introduced to many interesting new ones. It is important that you get some rest over the summer, but it is also important that you spend time preparing for the A Level Mathematics course. This summer work contains video tutorials, worked examples, and a variety of exercises for you to attempt prior to beginning your studies in September.

All of the content is Higher GCSE level. It is essential that you have a thorough understanding of these topics and can confidently perform these skills with fluency. This will enable you to make the best possible start to the course. It is recommended that you spend at least two hours a week working through this over the summer. You will complete an assessment during your first week of lessons in order to assess your understanding of these topics. If you have taken the time to complete this work, you should feel confident in making a positive start to your studies.

We look forward to welcoming you in September.

**Task 1:** This will provide you with some general practice on a range of key topics. Watch the tutorial video, attempt a selection of the pack of questions, and then self-mark using the solutions. Ensure you attempt all of the topics.

Link: <https://alevelmathsrevision.com/bridging-the-gap/>

**Task 2:** This is designed to enrich your understanding of the key topics, and will challenge you to think more and add depth to your knowledge. Choose an area from each of the main options to focus on each week, read through the examples on the document, and then choose from the variety of tasks that follow. Check your answers against the solutions once complete.

Link: <https://amsp.org.uk/resource/gcse-alevel-transition-resources>

Bonus Video Tutorial Link:

[https://www.youtube.com/playlist?list=PLxHVbxhSvleR5tntP2FxYBJCoY5-pD\\_Z8&app=desktop](https://www.youtube.com/playlist?list=PLxHVbxhSvleR5tntP2FxYBJCoY5-pD_Z8&app=desktop)

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