

WINDSOR SIXTH FORM SUMMER WORK



A Level Further Mathematics

Welcome to A Level Further Mathematics, where you will be introduced to a large variety of thought provoking new topics and concepts. Be prepared to ask questions of everything you ever thought to be true about the world of mathematics. Ensure that you get some rest over the summer, whilst also dedicating time to preparing for the A Level Further Mathematics course.

This summer work focuses on topics at GCSE Grade 8/9, enabling you to practise at the appropriate level to best prepare you for your studies. It is recommended that you spend at least two hours a week working through this over the summer.

We look forward to welcoming you in September.

Task 1: Scroll down to the Grade 8/9 section of the link provided. For each topic, watch the video tutorial, and then attempt a selection of the exam style questions, marking your work with the solutions.

Link: <https://www.mathsgenie.co.uk/gcse.html>

Task 2: Test yourself with some of these Maths Puzzles, Riddles and Brain Teasers. Each one is presented in its own video where you are introduced to the problem, given time to solve it by pausing when told to, and then you can watch the rest of the video to check your solution. Try as many as you like, with a minimum of one per week to be attempted.

Link:

https://www.youtube.com/playlist?list=PLDZcGqoKA84GuSwWYtojabpNUR8w_hy6l

Bonus Video Series Link:

https://www.youtube.com/playlist?list=PLiaHhY2iBX9g6KlvZ_703G3KJXapKkNaF

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