



# A-level Mathematics

## Transition Work

Thank you for choosing to study Mathematics in the sixth form at Huish Episcopi Academy. The Mathematics Department is committed to ensuring that you make good progress throughout your A level course. In order that you make the best possible start to the course, we are providing you with this booklet which you need to complete before our September start.

We have decided to use the Sparx maths transition booklet, to help you prepare for your A-level study. Many of you will already be familiar with Sparx having used it in year 11. Sparx Maths is now the parent company of Hegarty Maths which you may also be familiar with. Unfortunately, until you are fully enrolled in 6<sup>th</sup> form you will be unable to access the Sparx videos that can help with this booklet but there are still many places you can go to find help with the topics in the booklet, these can be found below.

It is vitaly important that you spend some time working through the questions in this booklet over the summer - you will need to have a good knowledge of these topics before you commence your course in September. You should have met all the topics before at GCSE. However, if you are bit rusty on some of the topics there are many websites with videos that you can watch before you attempt to answer the questions. Here are some of our favourites, you can click directly on the link by visiting the school website and finding this document in the transition section:

Hegarty Videos on you tube

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

TL Maths videos

<https://sites.google.com/view/tlmaths/home/gcse-to-a-level-maths-bridging-the-gap>

Mathedup Videos

<https://www.mathedup.co.uk/a-level-maths-takeaway/>

You can also use the videos on Maths Genie under GCSE revision from grade 5 onwards

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

In addition to this, nearly all the topics can be found within a GCSE higher revision guide. The answers to every question can be found in the answer booklet on the school website (again in the transition section) but should only be used to check an answer. Your maths teacher will expect to see some method to demonstrate you have done the questions yourself. There is absolutely no point wasting your time copying out answers and not trying the questions independently.

We will test you at the start of September to check how well you understand these topics, so it is essential you complete the booklet before then.

We hope that you will use this introduction to give yourself the best possible start to your A-level work and that it will help you to enjoy the course more and make the best possible progress come September.

**Mrs M Evans**  
**Head of Maths**