

## Year 11 continuing to A Level Maths (traditional)

**All the tasks can be found on Showbie (Year 11 Maths- HW7DY)**

### **Task 1: Questions (2 Hours)**

Complete the questions on coordinate geometry. These questions are from the Higher tier for GCSE mathematics but are considered basic foundations for the A Level course.

### **Task 2: Year 12 Pure content list (2 Hours)**

A big change between GCSE maths and A level maths is the amount of independent work you will be expected to do outside of the class room. Teaching will expect you to do at least two hours of independent practice per lesson if not more.

You should have already completed the RAG rating for the pure content of year 12 pure section (do this if you have not already done so). Spend another two hours focusing on a topic (s) of your choice that you think you would like to improve on. You can use your notes, revision guides or the internet to help you.

Hegarty are offering live online lessons every week day from 2pm for an hour. You could use this as part of your independent learning.

[www.youtube.com/user/HEGARTYMATHS/live](http://www.youtube.com/user/HEGARTYMATHS/live)

### **Task 3: Research an A-level topic (1 Hour)**

Research the following A-level Mathematic topic – your answers must be written in your own words (not just copied and pasted), 100 words minimum for a good answer. It would improve your answer to include examples and references.

## **4. With respect to a graph, what is a stationary point?**

### **Task 4: Problem solving (1 Hour)**

Complete the problem solving questions.

*Resources to help:*

*The following website might useful:*

[www.corbettmaths.com](http://www.corbettmaths.com),

[WWW.hegartymaths.com](http://WWW.hegartymaths.com),

[www.mrbartonmaths.com](http://www.mrbartonmaths.com),

[www.mathsgenie.co.uk](http://www.mathsgenie.co.uk)

*If you have an amazon account, you can download the following book onto your kindle or iPad using the kindle app. It is a mini guide to the GCSE topics most used for A-Level maths AND it is completely free!*

<https://www.amazon.co.uk/Head-Start-Level-Maths-2017-2018/dp/1782947922>