

Overview of KS4

The GCSE experience will build on the mastered content from Y7-8. It will:

- Enable all students to achieve the best possible outcome at GCSE
- Make deeper links between different areas of mathematics
- Address key misconceptions
- Prepare higher-tier students for the demands of advanced level mathematics

Our pupils sit the Edexcel GCSE in mathematics (1MA1F/H) and will be entered either for the Foundation tier (F) or the Higher tier (H).

In both cases pupils sit three terminal examinations in the summer of year 11 of equal weighting.

Paper 1 is a non-calculator paper and papers 2 and 3 are calculator papers. Each paper is 1hr30m duration.

In the foundation tier, pupils can achieve levels 1 through to 5.

In the higher tier, pupils can achieve levels 4 through to 9.

Pupils will need their own scientific calculator whichever tier they are entered for.

We pride ourselves on the support we offer to our students in school, however if a student is to maximise their grade at GCSE level they need to do work at home also. We believe that the best way to learn mathematics is to do mathematics and if you do a little bit of mathematics each day, the cumulative effect of this is a particularly effective way of developing confidence and proficiency in mathematics.

There are a number of very useful websites that students can use to help them consolidate and revise the mathematics they learn in class. The list below is not exhaustive but these are sites we believe are very useful:

Maths Genie: <http://www.mathsgenie.co.uk/papers.html>

This site has a collection of past GCSE papers from Edexcel (the board we use)

Corbett Maths: <https://corbettmaths.com/contents/>

Corbett Maths is a great site with lots of content. This link takes you to a contents page of YouTube video tutorials on all the different topics covered at GCSE level with practice exercises which can be downloaded.

<https://corbettmaths.com/5-a-day/gcse/>

This site has a downloadable 5-question practice sheets which cover a mix of topics. There is one for each day of the year and are particularly useful for the "little bit of mathematics each day" approach to revising and consolidating.