YEAR 10 & 11 COURSES

Subject Mathematics
Course level GCSE
Examining body Edexcel

What will I be studying?

You will study the following six strands of mathematics:

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry and measures
5. Probability
6. Statistics

More weighting is given to algebra on the Higher tier of the GCSE. On the Foundation tier, more weighting is given to number and ratio and proportion.

What skills will I develop?

You will develop three main skills:

1. *The ability to use standard techniques.*
   This means you will be able to recall and apply facts fluently and carry out routine procedures accurately.
2. *The ability to reason, interpret and communicate mathematically*
   This means you will be able to show and explain your reasoning, draw conclusions from information, and communicate with precise language.
3. *The ability to solve problems*
   This means combining different parts of maths to solve problems within maths and in other contexts.

How will the course be structured?

Year 10

- You will learn about a range of topics across the six strands of the course.
- You will also learn to reason and solve problems at a deeper level than you did in years 7 to 9.

Year 11

- You will learn about the most advanced topics on the course, and prepare for the final examinations by taking mock exams and revising.

How will I be assessed?

The maths GCSE is assessed through three examinations at the end of the course.

The first examination is non-calculator. You can use a calculator in the second and third exams.

Each of the three examinations is worth a third of the final grade.

The content of the six strands of the course will be assessed across all three papers, which means there is no specific content for each paper.

There is no coursework for GCSE mathematics

If you have further questions about the course, who should you speak to?

1. Your Maths teacher
2. Head of Maths Dr Blair