



## What will Year 7 students learn and how many lessons will they have each week?

Year 7 students have three one hour lessons per week.

The learning journey identifies the exact topics that will be studied but in broad terms the topics are categorised into: Number, Algebra, Ratio/Proportion, Geometry & Measure, Probability and Statistics.

Students will be expected to use and apply standard techniques and will be taught to develop their mathematical reasoning and problem-solving skills.

## What will Year 7 students need to bring with them to lessons?

Other than the essential school items (i.e. pen, pencil, ruler, rubber) students must have a calculator, ideally a scientific calculator. It is also important for students to have a maths set, to include at least a protractor and compass.

## Will Year 7 students have homework in this subject? How much?

Year 7 students will have homework every week.

The format will vary between written and online.

## How can I support my child at home with their learning in this subject?

The most important way to support your child is to ensure that they have all the equipment for every lesson.

We also recommend that you talk to your child about what they have been learning in Maths that week and ask that they show their homework when it is completed.

It would also be advantageous if you talk to your child about ways that Maths impacts on everyday life. For example, best value in a shop.

## What opportunities are there for further study and careers in this subject?

The faculty delivers three courses in the 6<sup>th</sup> Form: A-Level Mathematics, A-Level Further Mathematics as well as AS-Level Core Mathematics. The ability to work confidently with and understand numbers is a vital skill for most careers. For example, any work which requires analysis of information, identification of pattern, understanding trends and development of strategy all require good knowledge of the fundamentals of Mathematics.

## Are year 7 students set in Maths?

All students at the school are set in Mathematics. However, we will not set the Year 7 students immediately as they arrive. We will set the students after their first half term in Year 7, which gives us time to reflect on their Year 6 SATs and on their performance in the first half term at the school.

The sets are reviewed at regular points each academic year and should it be deemed appropriate students will be moved.

## Will my son/daughter be doing Higher or Foundation tier for GCSE Mathematics?

The first point that students are put into the Higher or Foundation tier is in Year 10. However, there is no final decision made on tier of entry until Year 11.

## Which exam board does the school use for Mathematics?

Ultimately, the content is the same between all the exam boards. The only difference in exam boards is the structure and format of the exam papers and questions. The faculty monitors the main exam boards every year to decide which exam board is going to be most accessible for our students. The final decision is made in Year 11.