

MATHEMATICS (GCSE)

CONTACT: **Mr de Caen** EMAIL: A.deCaen@TSATrust.org.uk

HOW WILL I BE ASSESSED?

All students are expected to complete GCSE Mathematics. You will be entered for the Edexcel Linear GCSE with exams being held at the end of Year 11. Problem solving questions are included within each exam, assessing the ability to use Mathematics in real life situations.

Approximately half of the course is number based. There are three examinations (2 calculator and 1 non-calculator), each taking one hour and 30 minutes.

You will also get the opportunity to partake in extra-curricular activities such as the UK Maths Challenge and Number Day.

WHAT WILL I DO IN LESSONS?

You will study Number, Algebra, Ratio and Proportions, Geometry and Measures and Statistics and Probability through a variety of learning methods. You will be taught problem solving skills in Maths.

The topics will be taught in a range of styles including, group work, investigation, skills, discussion and ICT.

Links will be made to other curriculum areas and everyday applications of Maths skills.

WHAT ELSE DO I NEED TO CONSIDER?

You will need to have a scientific calculator, ruler, protractor and compasses of your own to bring to every lesson. Every student will be expected to work hard in lessons and support classwork weekly homework tasks. Students can expect to learn up to 15 topics each year.

WHAT DO STUDENTS THINK OF THE SUBJECT?

"It's hard work but enjoyable."

"I find it interesting because we work in a variety of ways which helps us to understand the work. We also work on a range of different activities including practical work on the computers."