



## Mathematics

Understanding Mathematics is essential for future opportunities in further education and careers.

Students will need to reach certain levels of competency in Mathematics to take Sixth form courses, to be admitted to colleges and universities, and to have a wide variety of career choices.

We aim as a Faculty:

- **to provide a broad Mathematical learning experience**
- **to provide the skills required to succeed in the current higher education and work market**
- **to promote a positive attitude to mathematics study**
- **to ensure students have a feeling of success and progression appropriate to their level**
- **to encourage students to carry on with mathematics post 16 where appropriate**
- **to play an active role in contributing to cross-curricular themes and improving Literacy, Numeracy, ICT and Key Skills**

## Course Details

Mathematics is a core subject in the National Curriculum and important for many jobs and careers. A good understanding of Mathematics will help you with other subjects at College too. We aim to help you achieve the best standard that you can. You will be in a set based on year 9 results and your target grade. The set may be changed during the course, depending on how you progress in the subject. The aim is for you to be in a class where you are working at a suitable, but challenging level.

All students will need some specialist equipment for this lesson. A ruler, protractor and especially a calculator are essential for all external exams and will also be required during lesson time.

The GCSE has two tiers of entry, Higher and Foundation. The grades available at the Higher tier are D, C, B, A and A\*, whilst those available at the Foundation tier are G, F, E, D and C. There is no internally controlled element to this subject and students will be entered for a linear course which has two terminal examination papers in June of year 11, one using a calculator and one without.