

Mathematics

Title of course: Mathematics

Qualification/level at the end of the course: GCSE

Course description: the study of Mathematics is compulsory for all students. It is 100% exam. There will be internal assessments on three occasions through the year when you will be given individual targets to work on to improve in certain topic areas. You will study the four broad areas of Mathematics which are: Algebra, Shape and Space, Number and Data Handling. You will also develop skills in Using and Applying Mathematics which will prepare you to face Maths in a real life context and is also aimed at increasing confidence and enjoyment in the subject.

The large majority of college courses require a minimum of grade 5 at GCSE Maths. Many college courses are now expecting higher. A good grade in such a highly academic subject will put any student on a very promising path after secondary school.

Skills required: you will be required to apply logical reasoning when problem solving. It is expected that you will apply your numeracy skills across other subject areas. All students must be able to recall multiplication facts to 12 x 12. You must be confident dealing with algebra expressions, with the expectation of applying them to solve real life problems.

To be successful at GCSE Maths you will need to exhibit resilience. Students are rewarded for showing their thought processes through working out rather than through just giving an answer.

Assessment: 100% exam at the end of Year 11

