

GCSE Mathematics

Subject Leader: Cameron Setter

Exam Board: Edexcel (9-1), 1MA1

Course Overview:

A GCSE in Mathematics forms an essential part of your skill set at Plymouth Studio School. A good grade in Mathematics opens up a world of opportunities. The GCSE course will give you an insight into the subject at advanced level and beyond. This will hopefully fuel a lifelong passion for a subject that forms the basis of our everyday lives.

What will you study?

GCSE Mathematics builds on your knowledge gained at KS3 and delves deeper into these topics. The course covers; number, algebra, ratio, proportion and rates of change, geometry and measures, probability and statistics. The knowledge you gain over the two years will prepare you for life after school and any further mathematical study you may wish to undertake.

Assessment:

The GCSE course is now assessed by three one and a half hour examinations taken at the end of Year 11. Two examinations will involve the use of a calculator and so access to a scientific calculator is expected throughout the course.

Why study Mathematics?

Mathematics forms pathways into many potential careers and employers regard Mathematics highly due to the methodical thinking skills it requires. It enables further study in a variety of disciplines including; engineering, economics, finance, accountancy, education, biology, technology, business, geography and a variety of science subjects.

What course materials will I need?

You will need to bring a math's kit with you each lesson (compass, protractor, scientific calculator, ruler) alongside your usual stationary set.

What if I've struggled with Mathematics in the past?

Due to the small class sizes at Plymouth Studio School, there will be a real personalised learning experience. The content delivered will have a real life focus throughout which will help you to understand the topics in more detail. There are two tiers for GCSE Mathematics - foundation and higher. We will discuss which tier you are better suited to so that the relevant topics can be covered.

