FURTHER MATHS

Introduction

Have you always enjoyed Maths and are good at working with numbers? Do you enjoy solving problems? If so, Further Maths could be just for you. Further Maths builds on some of the topics you will learn in GCSE level Maths, whilst other areas are entirely separate. In this course you will learn many skills which are extremely useful to your future. Many employers are looking for people who are problem solvers and logical thinkers. In Further Maths you will develop these skills. Further Maths is a highly respected qualification and one which would give you an advantage in gaining future employment. Research has shown that people with good Maths qualifications go on to earn more money on average.



What will it be like?

There will be three parts to the course: Pure Mathematics, Statistics and Mechanics. You will learn many new skills in these three areas of Maths. Pure Mathematics builds on the Algebra you are learning in Key Stage three and will do in Key Stage 4 Maths GCSE. You will learn new skills such as how to differentiate and integrate equations and many others. In Statistics you build on the knowledge at Key Stage 3 and 4 in collecting, analysing and interpreting data. In Mechanics you will new learn skills which will help you to solve problems in the real world about forces and movement of objects.

Assessment

The Assessment for this GCSE will take place at the end of Year 12. Pure Maths: 50% (2 hour exam) Statistics: 25% (1 hour exam) Mechanics: 25% (1 hour exam)

Career Progression

Like in many other subjects you will learn transferable skills which can be used in many different jobs. One of the main things that Employers know about you from a good Maths qualification is that you can solve problems and are a logical thinker. Studying Further Maths at GCSE can lead to careers further down the path in Finance, Architecture, Engineering, IT, Education and many more.