



Mathematics

Room: LRC

What the Students Say

"The staff at Corfe Hills are very supportive throughout our A Level course"

"Maths workshop is particularly useful in the build-up to exams"

"Studying Maths at A Level has opened my eyes to a world of maths, encouraging me to take it further"

What Is This Course About?

The course is intended to build on knowledge, understanding and skills established at GCSE. You are expected to be able to use the material covered at GCSE which will be used to build upon further mathematical areas. You will be regularly involved in problem solving and applying techniques to real life situations.

Entry Requirements

Grade 7 or above at GCSE (Higher Tier). A genuine commitment to, and a love of the subject is essential.

What Will I Learn?

In core Mathematics you will be extending your knowledge of graphs, trigonometry and algebraic techniques, learning the fundamentals of calculus, differentiation and integration. You will study statistics which involves probability and data handling, including representing data, correlation and regression and measures of spread. Statistics is useful for those studying Biology, Geography, Business Studies, Economics and Psychology. The other application you will study is Mechanics where you will study forces, kinematics and Newton's laws of motion. Mechanics is useful for students studying Physics and those wishing to follow a career in engineering.

Where Will It Take Me?

Students who successfully complete A Level Mathematics will have a suitable basis for progression to further study in Mathematics or related subjects such as Engineering, Science and Economics, or directly into employment.

Our Maths students have gone on to study Mathematics and maths related degrees at university including Medicine, Engineering, Accountancy, Dentistry, Physics and Chemical Engineering.