FURTHER MATHS

SIXTH FORM

COURSE TITLE

A Level Further Maths

Exam Board: Edexcel

AIMS OF THE COURSE

At Verulam, we study this course in parallel to the standard A Level maths course.

Deepen your ability to construct logical arguments and apply abstract concepts to real world problems.

Learn additional modelling techniques to help understand the physical world around us.

WHAT WILL YOU STUDY?

Core Pure
Algebraic proof
Complex numbers
Matrices
Polar coordinates

Applied *these modules can change each year

Further Mechanics
Momentum
Elastic collisions
Energy and power

Further Statistics
Probability
Statistical distributions
Central limit theorem

HOW WILL YOU BE ASSESSED?

You will sit a test every few weeks throughout Year 12 and Year 13 to ensure the skills being taught are understood and embedded.

All formal exams take place at the end of Year 13.

WHAT WIDER SKILLS WILL YOU DEVELOP?

- Problem solving and critical thinking
- Independent study skills
- Presentation and clarity of explanation
- Resilience

WHAT ARE THE FUTURE OPTIONS FROM THE COURSE?

Further Maths is highly desirable, if not required, by many top universities for Mathematics, Science and Engineering courses, as well as Computing and Economics. Mathematicians are in demand across a range of sectors and employment opportunities.