

# Further Mathematics (Edexcel)

*“Pure mathematics is, in its way, the poetry of logical ideas.” - Albert Einstein*

Further Mathematics can be taken in addition to A Level Mathematics. It is aimed primarily at students who have demonstrated a flair for Mathematics and is suitable for those who achieved one of the top two grades at GCSE.



## Academic

We follow the Edexcel specification covering Core Pure Maths, Discrete Mathematics and Mechanics allowing the girls to acquire an excellent breadth and depth of skills that can be used in a wide variety of university courses.

Further Mathematics is recommended for girls wishing to study Mathematics, Physics or Engineering at university.

## Co-Curricular

Girls enter the individual and team challenges from the UK Maths Trust, with many winning certificates and progressing to the next rounds. We also give the girls the opportunity to work with students in lower years acting as 'Number Partners'.

Our girls often attend Christmas lectures at the Open University, and we offer STEP preparation classes for those considering studying at either Oxford, Cambridge and institutions employing STEP as part of their admissions process.