

Mathematics (Edexcel)

“Mathematics, rightly viewed, possesses, not only truth but supreme beauty.” - Bertrand Russell

Mathematics is a powerful tool with a huge range of applications spanning all aspects of the curriculum. We believe that everyone has the capacity for success, and strive to develop the skills needed so our students can become creative thinkers and recognise Mathematics as a beautiful and relevant subject. This course can be considered by any student who has met the entry requirement of a grade 7 or above at GCSE, wishing to continue their interest in Mathematics. A Level Mathematics offers the stimulation of investigating new ideas, the challenge of tackling problems and the satisfaction of solving them.



Academic

Mathematics is a popular subject at A Level. We follow the Edexcel specification covering Pure Maths, Statistics 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.

Mathematics is recommended for girls wishing to pursue a career in scientific or technical work, engineering, business studies, banking, computing and accountancy. Most teaching hospitals also accept Mathematics as a suitable qualification for entry into Medicine or Dentistry.

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.