
St Mary's Sixth Form & Leadership Centre

GCE A Level Courses

Mathematics

Pearson Edexcel

GCE A LEVEL (2 Years)

STUDENTS WILL NEED

Students will need to achieve recommended entry requirements for Academic or Professional pathway, plus subject specific requirements of:
GCSE Higher Tier Maths at grade 7 or above.

STUDENTS WILL STUDY

Pure Mathematics, Statistics, Mechanics. Topics include proof, algebra and functions, coordinate geometry, sequences and series, trigonometry, exponentials and logarithms, calculus, vectors, numerical methods.

ASSESSMENT

Students are assessed using three written examinations.

Students can use a calculator for all exams.

Paper 1: Pure Mathematics 1 (33⅓%)

Paper 2: Pure Mathematics 2 (33⅓%)

Paper 3: Statistics and Mechanics (33⅓%)

All papers are compulsory.

POTENTIAL SECTORS OF EMPLOYMENT

Science and Mathematics Health

Public Services and Care

Engineering and Manufacturing technologies

Information and Communication technologies

Construction, Planning and the Built Environment

Education and Training