

KS4 Maths

The Mathematics course followed in Years 10 and 11 is a direct continuation of that started in the Lower School. All students will take GCSE maths in the summer of year 11. Students in the express sets take the GCSE examination and the 'Level 2 Certificate in Further Mathematics' in June of year 11. There will be two high level non express groups who will focus on attaining the 7 to 9 grades at GCSE Mathematics. It is expected that nearly all students will take the higher tier examination. There is no formal coursework for GCSE Mathematics, although investigative work and functional skills work are included in the course and the work is assessed by questions on the examination papers, of which there are three. The Level 2 Certificate in Further Mathematics is also assessed by questions on the examination papers, of which there are two.

Details of the GCSE courses can be found at:

Edexcel Maths: <http://www.edexcel.com/quals/gcse>

AQA Certificate in Mathematics: <http://www.aqa.org.uk/subjects/mathematics>

The possession of a scientific calculator is essential. It should have at least one memory, at least one level of parenthesis, and the following functions: xy , $y^{1/x}$ (also denoted by $x^{1/y}$), square root, sine, cosine and tangent. The average relatively low-priced scientific calculator will possess all of these features and often more besides. Graphical calculators are not needed.