AQA Level 2 Certificate in Further Mathematics

What is the Level 2 Certificate in Further Mathematics?
The AQA Level 2 Certificate in Further Mathematics is a non-tiered Level 2 linear qualification, independent of GCSE Mathematics. It provides a robust and worthwhile qualification for the most able mathematicians and is an excellent preparation for AS and A-level by:
• introducing students to AS topics, without infringing significantly upon the AS level course
• assessing higher order mathematical skills, for example in algebraic manipulation, proof and problem solving.

Why do Newlands offer this qualification?
To motivate and challenge students who are likely to achieve grades 7, 8 and 9 at GCSE by:
• encouraging greater depth, breadth and rigour
• including algebra and geometry that are crucial to further study
• introducing calculus and matrices
• encouraging a problem-solving approach.

How does the Level 2 Certificate in Further Maths fit in?
This qualification is designed to be taught:
• either in parallel with GCSE Mathematics
• or after GCSE Mathematics.
There are no prior learning requirements but knowledge of the Key Stage 4 Programme of Study is assumed.

Content
The specification content is set out in six distinct topic areas, although questions will be asked that range across these topics:
• number
• algebra
• coordinate geometry (two dimensions only)
• calculus
• matrix transformations
• geometry

Assessment structure
Linear with two question papers to be taken in the same examination series.

Paper 1
Written paper (Non-calculator)
50% of the assessment
1 hour 45 mins – 80 marks

Paper 2
Written paper (Calculator)
50% of the assessment
1 hour 45 mins – 80 marks

Questions:
A mix of question styles, from short, single-mark questions to multi- step problems. The mathematical demand increases as a student progresses through the paper.