**Websites:**

<https://www.highermathematics.co.uk/>

<https://www.sqa.org.uk/pastpapers/findpastpaper.htm>

**Point of contact:**

Miss Mackay - Principal Teacher of Mathematics

In order to maximise performance, I would recommend using some of the following strategies:-

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| **Strategy** |
| Produce a study planner to ensure regular study each week |
| Revise course notes |
| Complete all homework tasks set and on time |
| Attend supported study classes on offer |
| Attempt SQA past examination questions regularly throughout the year |
| Inform the teacher of areas of work that are proving problematic |
| Work with a friend to share ideas and complete tasks |
| Apply more effort in class to ensure all work is complete |
| Make use of on-line learning resources such as www.highermathematics.co.uk/ |
| Manage time to ensure all questions in an examination can be attempted |
| Ensure layouts and procedures for calculations are followed |
| Engage more with classroom discussions to develop knowledge and understanding |

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| **Course Outline** |
| Straight Line |
| Sets and Functions |
| Graphs of Functions |
| Trigonometry - Graphs and Equations |
| Recurrence Relations |
| Differentiation |
| Polynomials |
| Quadratic Functions |
| Integration |
| The Circle |
| Vectors |
| Addition Formulae |
| Further Calculus |
| Exponential and Logarithmic Functions |
| Wave Function |

The final exam consists of a formal written examination which is marked externally by the SQA.

* Paper 1 – Non Calculator
* Paper 2 – Calculator

 **Respect Responsibility Ambition** 

**Every child has the right to an education: UNCRC Article 28**

**Course: Mathematics Level: Higher**