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.advancedhighermaths.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 |

**Websites:**

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

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

[www.scholar.hw.ac.uk](http://www.scholar.hw.ac.uk)

**Point of contact:**

Miss Mackay - Principal Teacher of Mathematics

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| **Course Outline** |
| Partial Fractions |
| Binomial Theorem |
| Differentiation |
| Further Differentiation |
| Integration |
| Further Integration |
| Applications of Calculus |
| Complex Numbers |
| Solving Differential Equations |
| Sequences and Series |
| Proofs |
| Number Theory |
| Properties of Functions |
| Gaussian Elimination |
| Matrices |
| Vectors |

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

 **Respect Responsibility Ambition** 

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

**Course: Mathematics Level: Advanced Higher**