# Mathematics & Computing

## Mathematics

### Advanced Higher

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| Course Length | 1 year |
| Entry Requirements | Higher (Grade A or B) |
| Intended Audience | S6 |
| Number of Units | 3 |
| Assignment/Added Value Unit | NO |
| Course Exam | YES |

## Course Description

Advanced Higher Mathematics gives you the opportunity to build upon your knowledge of mathematics from Higher. The course teaches you the necessary analytical and operational skills required to apply mathematics in unfamiliar contexts and effectively construct logical solutions to new problems.

## Expectations for Homework

Informal & formal homework given regularly.

## Skills Focus



Digital Learning · Enterprise · Leadership · Literacy · MESP · Numeracy · Thinking

## Additional Course Information

The course covers many of the topics from Higher in a much greater level of detail as well as introducing some entirely new concepts such as complex numbers, matrices and mathematical proofs. The wide range of mathematical topics covered provides excellent preparation for university level STEM subjects, as well as teaching you a wide range of skills that can be applied in your other subjects.