



Maths Studies IB

Standard Only

This is a 1 AS level course

The IBCP mathematical studies standard level (SL) course is designed to offer students with varied mathematical backgrounds and abilities the opportunity to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics, preparing them to solve problems in a variety of settings, develop more sophisticated mathematical reasoning and enhance their critical thinking.

How Is It Assessed?

These qualifications are linear. This means that all students will sit all the exams at the end of year 13.

Subject Content:

The IB mathematical studies focuses on important interconnected mathematical topics. There is an emphasis on application of mathematics and statistical techniques. It is designed to offer students with a varied mathematical background the opportunity to learn important concepts and techniques and to gain an understanding of mathematical tools.

Assessment:

20% Internal (Internal project) / 80% external assessment (exams x 2).

External Assessment

Paper 1:

Written exam: 15 compulsory short response questions based upon the whole syllabus (graphical display calculator required).

Paper 2:

Written exam: 6 compulsory extended response questions based upon the whole syllabus (graphical display calculator required).

Internal Project:

An individual piece of work involving the collection of information or the generation of measurements and subsequent analysis and evaluation.

When?

Start date: September.

Duration: 2 years.

Delivery: Part of a full-time programme.

Availability: Current and continuing.

Who can do it?

Age range: 16 – 19.

SEN target: None.

Entry requirement: Grade 4 or above in Maths.

Career Information:

IB maths studies offers a wide range of transferable skills which can lead to a diverse variety of jobs including; accountancy, teaching and data analysis.

More information?

Contact Mrs Roche at the Academy.