SSPP SIXTH FORM

STEM Pathway

Students can choose from the following courses:
Biology, Chemistry, Maths, Physics, Psychology, and Engineering.

Complementary subjects:
Geography, Languages, Psychology and Sociology.

Business Pathway

Students can choose from the following courses:
Business, Languages, Maths, and Computer Studies.

Complementary subjects:
English Literature, a science-based subject, Geography, History, Philosophy and Ethics, Psychology and Sociology.

A-Level Mathematics

The STEM or Business Pathway

Why study Mathematics?

The course builds on the skills developed during the GCSE Mathematics qualification. Some familiar topics are covered in much more detail but then many new topics are introduced such as Calculus, Statistics or Mechanics.

What does the course involve?

Pure 1 - Proof, functions, series, trigonometry, exponentials and logarithms, calculus, vectors.

Pure 2 - Proof, functions, series, trigonometry, exponentials and logarithms, calculus, vectors.

Stats & Mechanics - Sampling, probability, distributions, hypothesis testing, kinematics, forces, moments, Newton's Laws.

What can the qualification lead to?

A spokesperson for the Institute of Mathematics and its Application says: 'A Level maths is tremendously important. It provides a firm foundation for all scientific, technical, engineering and mathematical careers and a flying start for many other types of career, such as those in finance, medicine, agriculture...etc. The list is endless!"

Who is it for?

People who want the satisfaction gained from knowing there is always a right answer!