



# Edexcel Mathematics

## Level 3: A Level

### PROGRAMME AIM

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.

### ENTRY REQUIREMENTS / SUITABILITY:

# 6

### CONTENT:

#### A Level Course

##### **Pure 1 (33%)**

Proof, functions, series, trigonometry, exponentials and logarithms, calculus, vectors

##### **Pure 2 (33%)**

Proof, functions, series, trigonometry, exponentials and logarithms, calculus, vectors

##### **Stats & Mechanics**

Sampling, probability, distributions, hypothesis testing, kinematics, forces, moments, Newton's Laws

### LEADS 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*

### ASSESSED / EXAMINED:

A Level

2 x 2 hour paper Pure 1 & 2

1 x 2 hour paper Stats & Mechanics