AS / A2 Further Mathematics (Level 3)

WHY TAKE THIS COURSE?
Further Maths will provide a more stimulating course in addition to A Level Maths. It is extremely useful for anyone wishing to continue to Higher Education for Maths, Engineering, or any Maths related course. It enables you to use your talent in Maths and to achieve your full potential.

WHAT WILL I STUDY?
AS Further Maths consists of three modules - one pure and two applied. It covers topics such as matrices, complex numbers, and curve sketching. The work is not dependent on other pure Maths modules. By taking AS Further Maths alongside Maths A level, you will be able to experience a wide range of applied modules; mechanics, statistics, and decision maths. A Level Further Maths consists of three A2 modules - one pure and two applied. These modules add depth to those already studied.

HOW WILL I BE ASSESSED?
Mainly through examinations, each 1 hour 30 minutes taken in both the January and June sessions. There is a piece of coursework in the differential equations module. (A2 year)

WHAT SKILLS AND SPECIAL QUALIFICATIONS DO I NEED?
You should normally have at least a grade A at GCSE Mathematics to join this course. You need to enjoy Mathematics and enjoy a challenge. You must be well organised, able to work independently and in a group and be able to meet deadlines.

WHAT CAN I DO NEXT?
Further Mathematics provides good career opportunities. Maths graduates have the opportunity to select from a wide and varied range of careers due to the flexibility of the degree course, its applications and the excellent transferable skills acquired.

PRIESTLEY EXTRA
Further Maths students are supplied with a password to an interactive website –'Integral Mathematics Resources'. This is a site which provides resources for students studying Mathematics or Further Mathematics with our exam board. Many past students have taken part in the prestigious Engineering Education Scheme.