IGCSE FURTHER MATHEMATICS
(Exceptional students will have the opportunity to study this as part of their Mathematics curriculum)

EXAMINATION BOARD

Edexcel

DESCRIPTION OF THE COURSE

The International GCSE in Further Pure Mathematics is a linear qualification which is examined at Higher Tier only. Students will be expected to have a thorough knowledge of the content common to the IGCSE Mathematics at Higher Tier.

The course will only be offered to high attaining students depending upon performance in Year 9.

AIMS AND OBJECTIVES

The International GCSE in Further Pure Mathematics qualification enables students to:

- study knowledge of mathematical techniques beyond International GCSE Mathematics content
- provide a course of study for those whose mathematical competence may have developed early
- develop an understanding of mathematical reasoning and processes, and the ability to relate different areas of mathematics
- acquire knowledge and skills with confidence, satisfaction and enjoyment
- develop mathematical skills for further study in the subject or related areas.

METHOD OF ASSESSMENT

The examination consists of two papers of 2 hours each. Both papers must be taken in the same series at the end of the course of study. Questions may be set which assumes knowledge of some topics covered in IGCSE Maths Higher Tier. Students will be expected to carry out arithmetic and algebraic manipulation, such as being able to change the subject of a formula and evaluate numerically the value of any variable in a formula, given the values of the other variables. Each paper will contain questions from any part of the specification content, and the solution of any questions may require knowledge of more than one section of the specification content.