

**SUBJECT:** A2 Mathematics and Further Mathematics

**YEAR:** 13

**HEAD OF DEPARTMENT:** Mrs L Crowthers

**GROUPING POLICY:**

**COURSE CONTENT:**

**Exam board = Edexcel**

**Specification link:**

[http://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2013/Specification%20and%20sample%20assessments/UA035243\\_GCE\\_Lin\\_Maths\\_Issue\\_3.pdf](http://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2013/Specification%20and%20sample%20assessments/UA035243_GCE_Lin_Maths_Issue_3.pdf)

Students studying Mathematics take the units C3, C4 and D1.

Each unit is assessed by a separate examination paper, which is 1 hour 30 minutes in length.

Exams are taken in June

Successful completion of exams leads to an Advanced GCE Award (A-Level) in Mathematics.

Students studying Further Mathematics take the units C3, C4, FP2, D1, S3 and either M2 or D2.

Each unit is assessed by a separate examination paper, which is 1 hour 30 minutes in length.

Exams are taken in June

Successful completion of exams leads to an Advanced GCE Award (A-Level) in Further Mathematics.

### **What will my child learn?**

Students study modules in Core Mathematics and Statistics, Mechanics or Decision Maths

Students studying Further Mathematics study modules in Mechanics, Statistics and Further Pure Mathematics.

### **What will homework look like?**

Students are expected to do 4 hours of additional study a week per A level subject. They should use this time doing set homework, as well as consolidating the work learn in lesson by performing additional activities.

### **What enrichment opportunities are available?**

Students are encouraged to utilise their mathematical skills in a variety of real life situations and visits to Universities and mathematical competitions are part of the course. Students are normally enrolled in the Further Maths Network which entitles them a full range of additional mathematical opportunities and support.

## **ASSESSMENT**

### **How will my child's work be assessed?**

Students receive feedback from individual homework and additional support given if required.

Entry to A2 modules occur at the June examination series and results reviewed at each stage.

Student's progress against target grades is closely monitored throughout the year.

## **ADDITIONAL INFORMATION**

**How can I support my child in this subject?**

It is important that your child is doing work outside the classroom, and practising all the topics.

If a student misses a lesson, they should make sure that they have caught up the work and practised the exercises before the next lesson.

**How can I support my child with exams?**

Students have access to a wide range of resources both electronic and also paper versions. Examination practice is essential to succeed at A level and students need to structure their revision so that they have time to practise their skills. In this subject students need to regularly work on past paper questions so any revision timetable must be well planned and adhered to.

Independent study is very important but students should also be encouraged to seek help whenever necessary.