In the third term, students will prepare for the upcoming exams after covering all of the applied maths material.

The exams take place in May, after which students will begin studying material from the A2 scheme.

In the second term, students shift their focus to the applied modules.

Students will study both statistics and mechanics – much of this work will be new to students, although some parts rely on prior knowledge.

In the first term, students focus on pure mathematics.

Some topics build on the work that has been covered at GCSE, while others introduce brand new concepts.

Proof is developed and incorporated in all other topics.

**Term Three**Further Forces and Newton’s Laws  
Hypothesis Testing  
  
Revision and exam preparation

Exams

After the exams, work for the A2 year is started.

**Term Two**Vectors  
Kinematics in 2-dimensions  
Forces and Newton’s Laws  
Statistical Sampling  
Data Presentation and Interpretation  
Probability  
Statistical Distributions

**Term One**

Algebra and Functions

Coordinate Geometry

Sequences and Series

Differentiation and Integration

Proof

Exponentials and Logarithms

Trigonometry

**Subject: Mathematics Year Group: 12**

