

Mathematics

What will I learn?

The curriculum follows the Pearson Edexcel 1MA1 Mathematics specification.

Year 11

The course of study in Year 11 concentrates on developing understanding and increasing knowledge of areas within the Algebra and Geometry framework of the specification with some Ratio. Example topic areas are: Proofs, Functions, Vectors, Trigonometry, and Circle Theorems.

How will I be assessed?

For Year 11, the course will be tested by Mock Examinations in the latter half of the Autumn Term in conjunction with some smaller topic tests and teacher assessments. The public examinations occur in the Summer Term and will consist of three 1hour 30min papers with each of the three papers being scored out of 80. Entry to the Foundation or Higher Tier of entry is determined during the first half of the Spring Term.

How will I be taught?

There are opportunities for a variety of learning styles. These include problem-solving; investigations; practical Mathematics; teacher exposition; routine practice; use of spreadsheet, database, dynamic geometry and graphing computer programs; strategy games and discussion. Homework will be regularly set to consolidate on previously learned concepts and to gauge understanding.