

Mathematics

What will I learn?

The curriculum follows the Pearson Edexcel 1MA1 Mathematics specification.

Year 9

The course of study in Year 9 concentrates on developing understanding and increasing knowledge of areas within the Number and Geometry framework of the specification with some Algebra.

Example topic areas are: Calculating with Fractions, Decimals and Percentages, Indices and Standard Form, Perimeter, Area and Volume, Pythagoras and Equations.

How will I be assessed?

For Year 9, the course will be tested through a combination of written half-termly topic test papers and teacher assessments. A final end of year examination on all of the year's topic areas will occur in the last half-term of the school year. Candidates may sit tests at different levels, according to their individual progress and attainment. Higher level will award grades 4 to 9. Foundation level will award grades 1 to 5.

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.