

## Mathematics GCSE (Compulsory)

Board: Edexcel

### Course Content

The course covers the 5 topic areas

- Number
- Algebra
- Ratio, proportion and rates of change
- Geometry and measures
- Probability and Statistics

### Skills and Knowledge

The aims and objectives of the course are to enable students to

- Develop fluent knowledge, skills and understanding of mathematical methods and concepts
- Acquire, select and apply mathematical techniques to solve problems
- Reason mathematically, make deductions and inferences, and draw conclusions
- Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context

### Assessment

Assessment is through three externally examined papers taken at the end of the course. The course is a tiered qualification.

The two tiers are:

- Foundation tier - grades 1 to 5 available
- Higher tier - grades 4 to 9 available

For further details, please see Mr Sims (Head of Maths).