



Key Stage 4 Options

Subject – Maths

Course & Qualification: GCSE Maths

One GCSE

Course Outline

All students at Weston Favell Academy will study AQA GCSE mathematics. This is the first year of the new GCSE and there are 2 tiers of entry, Higher and Foundation. The department will choose the tier of entry that is best suited for each student's ability.

This course aims to develop knowledge, skills and understanding of mathematical methods and concepts including number, geometry, measures, statistics and probability. Students are given the opportunity to acquire and use problem solving strategies, to select and apply mathematical techniques and methods in everyday and real life situations.

Students should also be able to use their mathematical knowledge and methods wherever relevant in other subjects (e.g. Science, Design Technology, etc.) as well as in financial contexts.

Assessment

Students will be terminally assessed through 3 papers, each of which will be 1.5 hours long and 2 of which will be calculator based. It is therefore very important for every student to have their own **scientific calculator** e.g. Casio fx-83GT PLUS.

The assessment objectives are as follows:

- Use and apply standard techniques (recall facts, routine & multi-step problems)
- Reason, interpret and communicate mathematically (argue, evaluate, infer)
- Solve problems within mathematics and in other contexts with real life, multi-stage problems.

Suitability

The course is a core subject therefore it is compulsory for all students.

For further information contact:

Mrs H Saeed, Head of Maths – hsaeed@westonfavellacademy.org
