

The aims and objectives of the new GCSE (9–1) Mathematics 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.

Students will sit three exams in the summer term. If a student has an excellent work ethic and we think they could pass in November then they will be entered early. Regular, formative assessments will take place to ensure students feel confident in the knowledge they have acquired.

Entry requirements

Students need to have already achieved a Grade 3 or passed a Level 2 Functional Maths to start the GCSE Re-sit course.

Course Content

We study the Edexcel Foundation GCSE.

It is examined by three 90minute exams, 1 non-calculator and 2 calculator papers each worth 80 marks.

A strong work ethic and lots of independent work result in good attainment. You will need a scientific calculator (we recommend the Casio fx85 GT), A4 file, paper, pen, pencil, protractor, ruler, and a pair of compasses.

Functional Mathematics



The Pearson Edexcel Functional Skills Qualifications in Mathematics at Level 1 and Level 2 are for learners who want to develop understanding and skills in mathematics.

Functional Skills mathematics qualifications at these levels should:

- indicate that students can demonstrate their ability in mathematical skills and their ability to apply these, through appropriate reasoning and decision making, to solve realistic problems of increasing complexity;
- introduce students to new areas of life and work so that they are exposed to concepts and problems which, while not of immediate concern, may be of value in later life;

and

- enable students to develop an appreciation of the role played by mathematics in the world of work and in life generally.

Entry requirements

Students will generally have scored lower than a Grade 3 at GCSE Maths or have accessed an Entry Level Certificate.

Course Content

We study the Edexcel Functional Skills Qualification. When we think learners are ready to successfully undertake the assessment we will then enter them for the exam session.

Assessment structure	Duration	Number of marks	Percentage of qualification
Section A: Non-calculator	25 minutes	16	25%
Section B: Calculator	1 hour 30 minutes	48	75%
Content areas			
Using numbers and the number system – whole numbers, fractions, decimals and percentages			
Using common measures, shapes and space			
Handling information and data			

Section A and Section B are presented as separate question and answer booklets, and must be taken in the same examination session.