

Mathematics GCSE

INTRODUCTION

Mathematics is important as it is an essential skill for a successful life. Whether it is measuring for home improvements, paying bills, DIY, calculating percentage discount on goods or any other financial matter, people need to know how to apply the subject in any number of different contexts.

WHAT TOPICS WILL I STUDY DURING THE COURSE?

Tier	Topic area	Weighting
Foundation	Number	22 - 28%
	Algebra	17 - 23%
	Ratio, Proportion and Rates of change	22 - 28%
	Geometry and Measures	12 - 18%
	Statistics & Probability	12 - 18%
Higher	Number	12 - 18%
	Algebra	27 - 33%
	Ratio, Proportion and Rates of change	17 - 23%
	Geometry and Measures	17 - 23%
	Statistics & Probability	12 - 18%



WHAT EXAMINATIONS WILL I TAKE? This may depend on your tier of Entry

(HIGHER GCSE)

Linear -3 exams of equal weighting

Paper 1: 1 hour 30 mins - Non-calculator - 80 marks

Paper 2: 1 hour 30 mins - Calculator - 80 marks

Paper 3: 1 hour 30 mins - Calculator - 80 marks

(Foundation GCSE)

Linear- 2 exams of equal weighting

Paper 1 2 hours 15 mins – Non-calculator - 120 marks

Paper 2 2 hours 15 Mins – Calculator - 120 marks

HOW WILL MY WORK BE ASSESSED?

It is intended that **Higher** tier students will undertake the Edexcel Linear GCSE (1MA1), with externally marked examinations as the form of assessment. The **Higher** tier assesses grades **4 - 9**. It is intended that **Foundation** tier students will undertake the Eduqas Linear GCSE, with externally marked examinations as the form of assessment. the Foundation tier assesses grades **1-5**. Students will be entered for the most appropriate level for their ability. This is usually decided in Year 11

HOW WILL THE COURSE HELP ME WITH MY FUTURE CAREER?

Success in Maths is excellent preparation for further studies in Mathematics or other related subjects, such as psychology and science. Students going on to 'A' level can lead to a Degree or professional qualifications in a range of careers e.g. architecture, engineering, design, business and accountancy. A good GCSE in maths is also valued by course leaders of BTEC National Diplomas and GNVQ courses in a variety of vocational subjects such as Hairdressing, Electrician, Construction, Carpentry, plumbing, IT, to name just a few.

Finally, a GCSE qualification in maths is usually an entry requirement for all courses and qualifications post 16.

WHO SHOULD I CONTACT FOR MORE INFORMATION?

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