

Exam Papers – Summer 2027

- Exam board is AQA
- Three 90 minute papers
- Foundation tier for grades 1 to 5 Higher tier for grades 4 to 9
- Formula sheet is given so the focus is on understanding rather than memory
- Any topic could be on any paper, but paper 1 is the only non-calculator paper

AQA



Please write clearly in block capitals.

Centre number

Candidate number

Surname

Forename(s)

Candidate signature

I declare this is my own work.

GCSE

MATHEMATICS

Foundation Tier

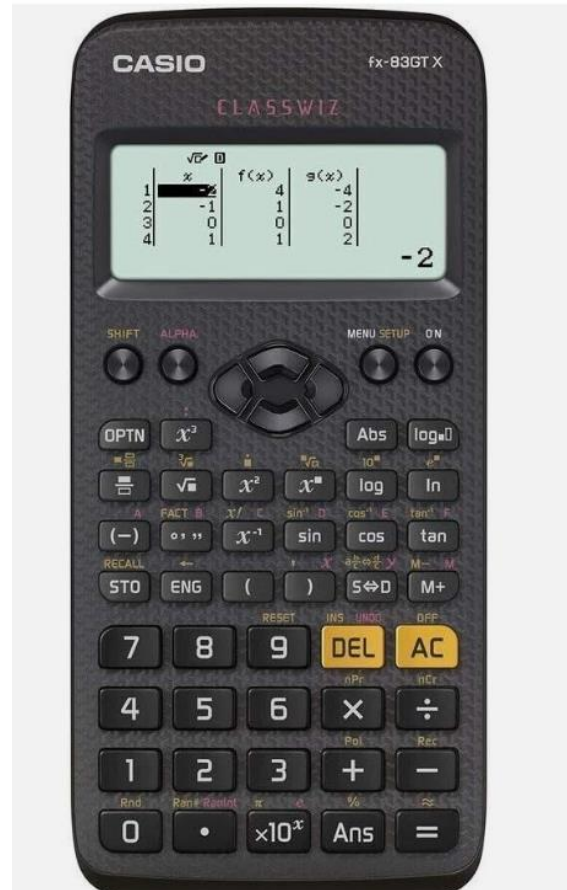
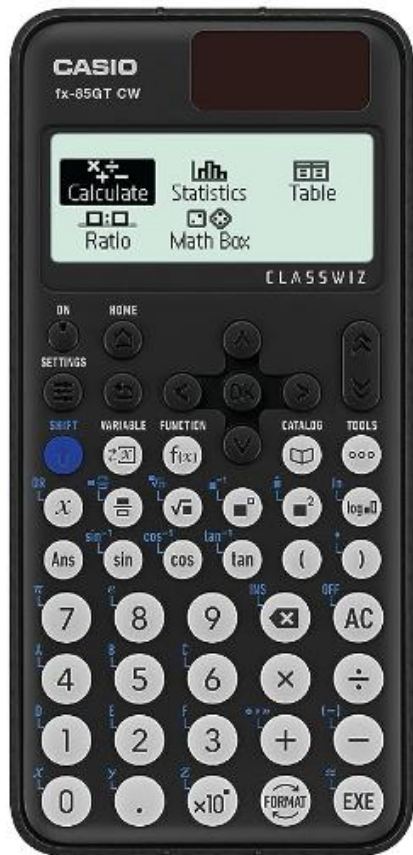
Paper 1 Non-Calculator

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Calculators

We recommend the Casio scientific calculators. These can now be borrowed for a day



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Higher or Foundation ?

Last year 60% of our students sat the foundation tier, 40% the higher.

Students are set by ability based on termly post test scores.

End of year 10 – students in set 1 sit the higher tier in the first mock exam.

Selected students in set 2 move from foundation to higher based on results of previous mock (usually two mock sessions in year 11).

Students considering A level maths pathway must be on the higher tier and preferably in set 1. (Grade 6 at GCSE required)

Year 10 maths content



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Similarity						Developing Algebra					
	Congruence, similarity and enlargement			Trigonometry			Representing solutions of equations and inequalities			Simultaneous equations		
Spring	Geometry						Proportions and Proportional Change					
	Angles & bearings		Working with circles		Vectors		Ratios & fractions		Percentages and Interest		Probability	
Summer	Delving into data						Using number					
	Collecting, representing and interpreting data						Non-calculator methods		Types of number and sequences		Indices and Roots	





Sparx Maths

Online learning platform for extended and independent learning tasks

Expectation is one hour per week minimum “active” time on Sparx homework. Tasks are set weekly

Students are encouraged to write down their method – bookwork checks

Independent learning facility allows students to recap on prior learning or try extension tasks.

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Helping your son / daughter with maths

100% attendance to all lessons with all equipment including a calculator

Talking about Sparx tasks – reminder of deadlines. Parent email address on school system will be sent a weekly update.

Practice maths not just reading about maths. Small chunks, but regularly.

Promote resilience – for example a grade 6 on the higher tier this year needed 54%. On foundation, a pass grade 4 needed 66%.

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Clubs and Support

Sparx Homework Club

Every Wednesday lunchtime in Ma4

Maths Tuesdays

Tuesday lunchtimes in Ma7

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Support and Challenge

- For the first time this year, students who may find it challenging to attain a grade 4 pass at GCSE have the opportunity to sit the Entry Level Certificate in Mathematics.
- We also offer an additional qualification – the level 2 certificate in further maths for our most able mathematicians.