

Mrs C Hope

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How to support your child in Maths

Information about the Course

Edexcel GCSE 9-1 1MA1 Course

- Two Tiers** - Sets 1 and 2 follow the Higher course
 - Sets 3 and 4 follow the Foundation course

- Assessment** - Three 1 hour 30 min papers at the end of Year 11
 - Two Calculator and one Non Calculator (equally weighted)
 Around a 30 mark / 8 question overlap

If a grade 4 isn't achieved requirement to continue to study beyond Y11

Foundation (grades 1-5)	Paper 1 Non-calculator 33.3% weighting 1 hour and 30 minutes 80 marks 	Paper 2 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks 	Paper 3 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks 
	Paper 1 Non-calculator 33.3% weighting 1 hour and 30 minutes 80 marks 	Paper 2 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks 	Paper 3 Calculator 33.3% weighting 1 hour and 30 minutes 80 marks 

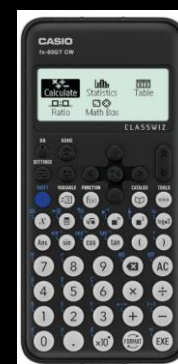
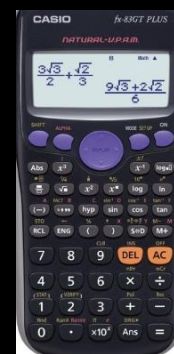
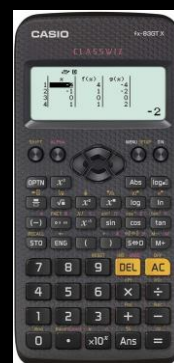
What Can You Do To Help?

Equipment: Please make sure your child has a full set of equipment that they bring to lessons at all times.

As two-thirds of the available marks are on calculator papers, it is essential that your child has a **calculator** to use on a daily basis so that they can learn how to use it effectively.

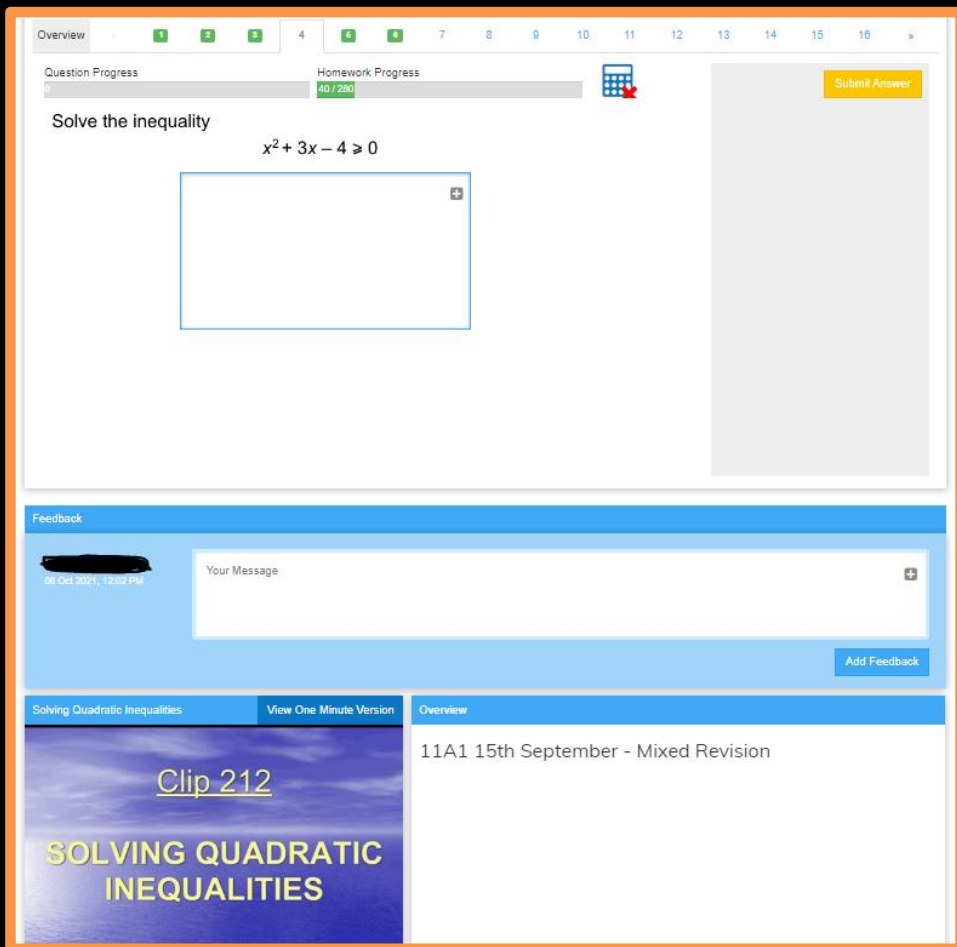
At school we use the **Casio fx-83 GT** (pictures of the three versions are shown).

Potential A level Mathematics students may wish to purchase the Casio fx-991ex Classwiz in preparation for their studies; these may also be used in GCSE Examinations



Although not used as often, a **compass** and **protractor** are also essential for some topics.

Revision and Practice: Mathswatch Please encourage your child to use the resources provided for them to revise effectively.



Overview 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 »

Question Progress Homework Progress 40 / 200

Solve the inequality

$$x^2 + 3x - 4 \geq 0$$

Submit Answer

Feedback

06 Oct 2021, 10:00 PM

Your Message

Add Feedback

Solving Quadratic Inequalities View One Minute Version Overview

Clip 212

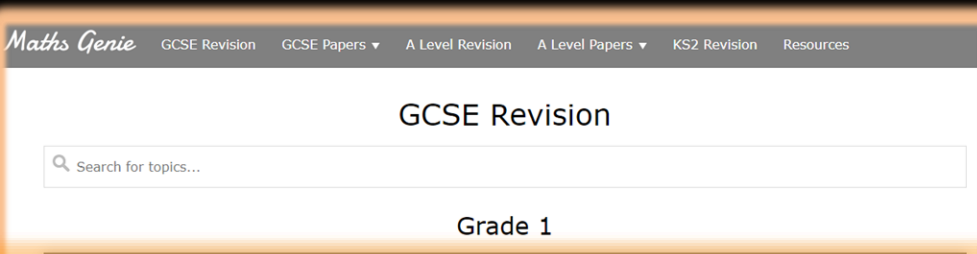
SOLVING QUADRATIC INEQUALITIES

11A1 15th September - Mixed Revision







vle.MathsWatch.com

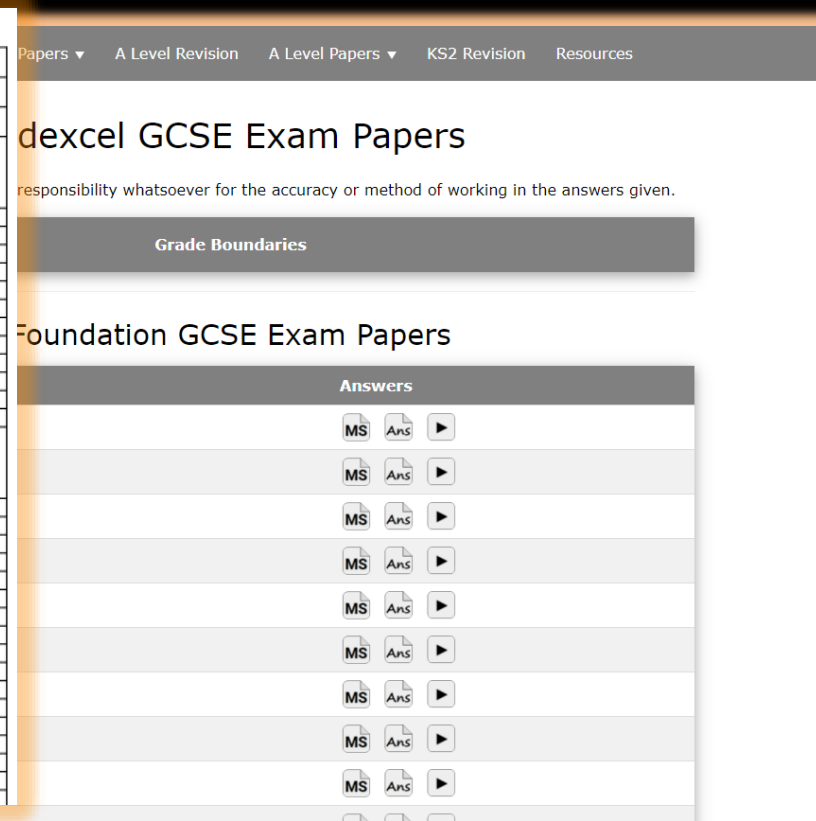
This website is perfect for revision at home. Your child often works through revision questions that are set for them by their teacher in computer room lessons and will know their logins. The questions **self mark** for instant feedback, there is a video clip for support and students can **message their Maths teacher** for additional help on a question; Maths staff can then see student answers remotely and provide appropriate guidance. A focussed revision task is also set before every assessment to help students structure their revision into manageable chunks. **It also works on phones or tablets.**

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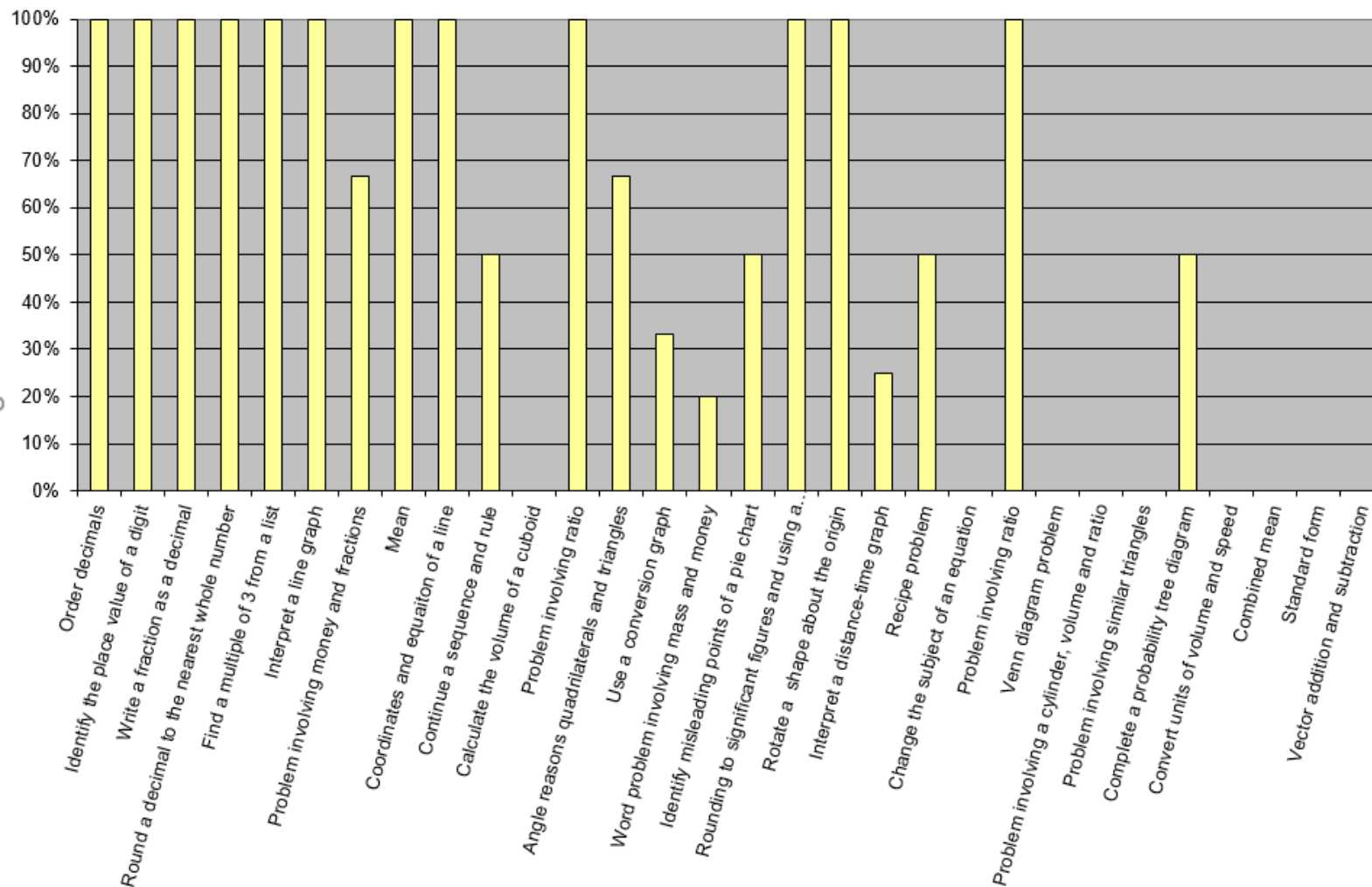


This website is a good source of video, exam questions (and solutions) by grade and has all the past papers and markschemes – select the Edexcel ones

GCSE Maths Self Assessment					
Name:			Date:		
Grade 1/2					
Topic	Exam Questions	Solutions			
Addition and Subtraction	Addition and Subtraction	Solutions			
Multiplication and Division	Multiplication and Division	Solutions			
Rounding	Rounding	Solutions			
Time	Time	Solutions			
Place Value	Place Value	Solutions			
Negative Numbers	Negative Numbers	Solutions			
Powers and Roots	Powers and Roots	Solutions			
BIDMAS	The Order of Operations	Solutions			
Factors and Multiples	Factors, Multiples and Primes	Solutions			
Writing, Simplifying and Ordering Fractions	Writing, Simplifying and Ordering Fractions	Solutions			
Coordinates	Coordinates	Solutions			
Pictograms	Pictograms	Solutions			
Topic	Exam Questions	Solutions			
Calculation Problems	Calculation Problems	Solutions			
Using a Calculator	Using a Calculator	Solutions			
Systematic Listing	Systematic Listing	Solutions			
Fractions of an Amount	Fractions of an Amount	Solutions			
Fractions, Decimals and Percentages	Fractions, Decimals and Percentages	Solutions			
Simplifying Algebra	Collecting Like Terms	Solutions			
Writing an Expression	Writing an Expression	Solutions			
Function Machines	Function Machines	Solutions			
Angles	Angles	Solutions			
Area and Perimeter	Area and Perimeter	Solutions			
Probability	Probability	Solutions			
Frequency Polygons	Frequency Polygons	Solutions			
Averages	Mean, Median, Mode and Range	Solutions			
Bar Charts	Bar Charts	Solutions			
Stem and Leaf	Stem and Leaf	Solutions			
Pie Charts	Pie Charts	Solutions			



Individual Question Level Analysis Bar Charts after every assessment



Students Self Tracking Sheet : Climbing the ladder

Papers are out of 80: note the boundaries for the higher paper
Regular assessments to help structure the revision – we give students a finite list to revise with a task on mathswatch and then test

[illegible][illegible]

Revision Guides: We don't recommend any particular revision guides as Mathswatch and practice papers are a far better revision tool. Should you choose to purchase one it needs to cover the Edexcel GCSE 9-1 1MA1 course (Higher Tier for sets 1 and 2, Foundation Tier for sets 3 and 4)

Thursday Revision: All the Mathematics staff run a general revision class on a Thursday after school from 3pm to 4pm in A213 and A214. Students can work through practice exam papers or their Mathswatch revision task with the support of staff.

Practice Papers: These papers are a valuable resource, provided they are used well. They are meant as a revision tool and not as an assessment. Please encourage your child to complete as much of these as they can by looking up the topics for questions they are struggling with.

Best Guess Papers: During the examination period we provide students with best guess papers based on the topics that have already appeared on the papers. We strongly encourage students to make the most of this resource.