

Everybody Counts

Maths Revision Session

- **Higher/Foundation**
- **Revision in lessons**
- **Revision at home**
- **Revision clubs after school**
- **Beyond GCSE**
- **Any questions**

AQA 8300

November Mocks

Foundation: grades 1 to 5

Tuesday 12th November Paper 2: Calculator 1½ hours

Monday 18th November Paper 3: Calculator 1½ hours

Higher: grades 4 to 9

Tuesday 12th November Paper 2: Calculator 1½ hours

Monday 18th November Paper 3: calculator 1½ hours

AQA 8300

February Mocks

Foundation: grades 1 to 5

Date TBC Paper 1: Non-calculator 1½ hours

Higher: grades 4 to 9

Date TBC Paper 1: Non-calculator 1½ hours

AQA 8300 Provisional dates

Foundation: grades 1 to 5

15/5/25 Paper 1 : Non Calculator 1½ hours

4/6/25 Paper 2: calculator 1½ hours

11/6/25 Paper 3: calculator 1½ hours

Higher: grades 4 to 9

15/5/25 Paper 1: Non Calculator 1½ hours

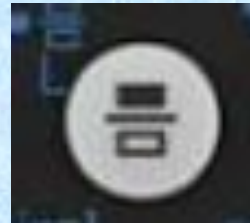
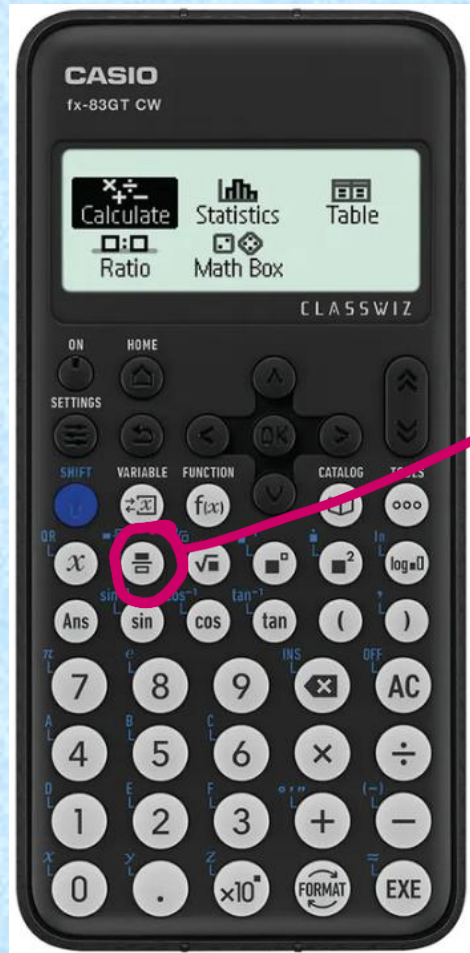
4/6/25 Paper 2: Calculator 1½ hours

11/6/25 Paper 3: calculator 1½ hours

Equipment needed for GCSE Maths Exams

- Pen/pencil/ruler/rubber
- Protractor
- Compass
- Scientific calculator for P2 and 3

Ideal Calculator



Final decisions with regard to Higher/foundation entry will be made after the Non Calculator February mock exam.

Revision in lessons

- Already started in most foundation groups
- Higher have more content
- Focus- applying knowledge to exam questions and jumping between topic areas

www.mymaths.co.uk

Login: thirsk Password: triangle

www.dr frostmaths.com

Students have their own login details

www.corbettmaths.com

No login needed

Mock Higher revision list

Year 11 November 2024 Calculator Mock
Computer Revision Higher

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Login: thirsk Password: Triangle

Pupil Login: Pupil password:

GCSE 9-1 Curriculum			
Topic			
Homework Sheets			
NUMBER			
Percentages	Reverse percentages		
Standard form	Standard form large		
	Standard form small		
Fractions	Fractions of amounts		
Rounding	Significant figures		
Multiples and factors	Prime factorisation game		
ALGEBRA			
Graphs	Gradient and intercept Q2		
	Properties of quadrilaterals		
	Plotting graphs 2		
	Equations of a line 3 + (perpendicular)		
Equations- linear	Equations 3 – both sides Q2		
Algebraic manipulation	Single brackets		
	Simplifying 2		
	Factorising quadratics 2		
Equations-quadratic	Quadratic formula		
	Quadratic equations - fractions		
	Completing the square		
Equations- approximate solutions	Iterative methods		
Functions	Functions 2 Q2		
RATIO & PROPORTION			
Compound measures	Speed		
Scale drawing	Map scales		
Ratio	Dividing in a ratio 2		
Proportion	Direct and inverse proportion		
GEOMETRY			
Properties of 2D shapes	Parts of a circle		
Properties of 2D shapes	Congruent triangles		
Trigonometry	Trig missing side		
	Sine rule		
Vectors	Vectors 2		
3D shapes and volume	Volume of prisms – small step		
	Plans and elevations		
	Volume of cylinders- small steps		
	Volume of spheres- small steps		
Pythagoras' theorem	Pythagoras' theorem		
PROBABILITY			
Probability	Simple probability		
	GCSE booster 3-4 simple probability		

	Relative frequency		
	Experimental probability		
	Making tree diagrams		
Venn diagrams	Venn diagrams 1		
	Venn diagrams 2		
STATISTICS			
Processing data	Mean of grouped data 1		
Presenting data	Box and whisker plots		
	Reading pie charts		

Mock Foundation revision list

Year 11 November 2024 Calculator Mock
Computer Revision Foundation

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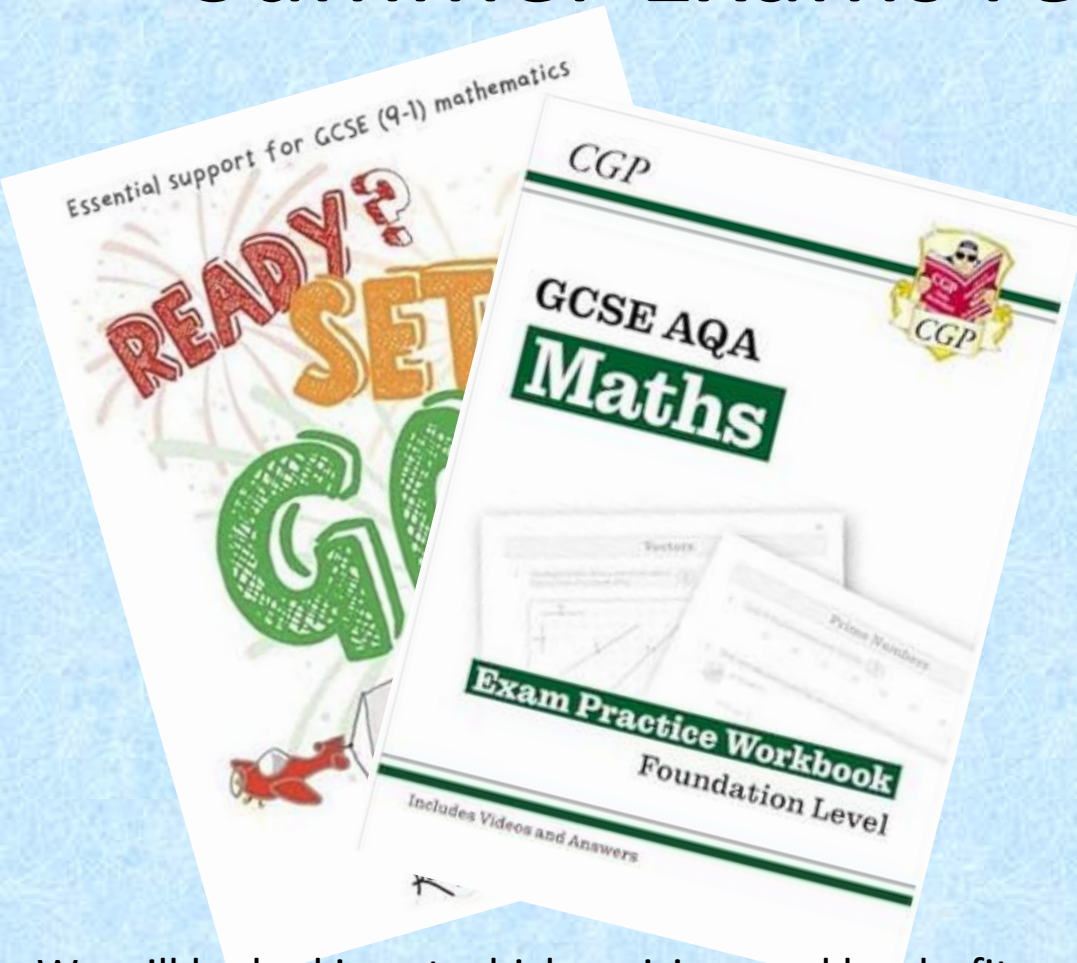
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Pupil Login: _____ Pupil password: _____

Topic	GCSE 9-1 Curriculum		
Homework Sheets			
NUMBER			
Percentages	Frac dec perc 1		
	Percentage change 2		
	Reverse percentages		
	Compound interest		
Ratio and proportion	Unitary Method		
Powers and roots	Squares and cubes		
Standard form	Standard form large		
Standard units	Money Calculations		
Negative Numbers	Negative Numbers 1		
Decimals	Ordering decimals		
Calculators	Calculator methods 1		
	Calculator methods 2		
ALGEBRA			
Algebraic Manipulation	Simplifying 1 Q1		
	Simplifying 2 Q2		
	Single brackets		
Graphs	Plotting graphs 1 Q1		
	Plotting graphs 2 Q1		
	Gradient and intercept Q2		
	Properties of quadratics		
Expressions and formulae	Rearranging 1 Q1		
	Substitution 1		
	Function machines		
Sequences	Arithmetic sequences		
	Sequences		
RATIO & PROPORTION			
Ratio	Ratio introduction		
	Equivalent ratio game		
Compound measures	Speed		
Proportion	Best buys and value for money		
GEOMETRY			
Area and perimeter	Area of a rectangle		
	Perimeter		
Vectors	Vectors 1		
Angles	Angles 2		
	Angle sums		
Symmetry	Lines of Symmetry		
Properties of 2D shapes	Parts of a circle		
Trigonometry	Trig missing sides		

3d shapes and volume	3D shapes		
	Plans elevations		
Transformations	Reflecting shapes		
Pythagoras' theorem	Pythagoras' theorem		
PROBABILITY			
Probability	Simple Probability		
	GCSE booster 3-4 simple probability		
	Making tree diagrams		
	Relative frequency		
	Experimental probability		
Diagrams	Frequency trees		
STATISTICS			
Presenting data	Pictograms and bar charts		
	Reading pie charts		
Processing Data	Mean and mode		
Scatter graphs	Scatter graphs		

Summer Exams revision at home



We will be looking at which revision workbooks fit our revision needs- so these might not be the exact ones we choose.
 You will be able to buy them through school, at a discounted price.

Maths - Y11 Maths Ready Set Go Revision Book 2023-24

A Copy of this document can be found in teams for easy access to the links to the help videos

Date	Page in revision book	Links to help videos	Tick
Wb 15/1/24	Probability P158	https://www.mathsgenie.co.uk/probability.html	
	Venn Diagrams P164	https://www.mathsgenie.co.uk/venn-diagrams.html	
Wb 22/1/24	Tree diagrams 1 P160	https://www.mathsgenie.co.uk/probability-trees.html	
	Tree diagrams 2 P162		
	Error Intervals P16	https://www.mathsgenie.co.uk/error-intervals.html	
	Estimation P18	https://www.mathsgenie.co.uk/estimating.html	
Wb 29/1/24	Use of calculator P20	https://www.mathsgenie.co.uk/use-of-calculator.html	
	Product of prime factors P22	https://www.mathsgenie.co.uk/HCF_LCM.html	
	HCF & LCM P24 Real life Multiples P26		
Wb 5/2/24	Standard Form 1 P74 Standard Form 2 P76	https://www.mathsgenie.co.uk/standard-form.html	
	Fractions 1 P28 Fractions 2 P30	https://www.mathsgenie.co.uk/fractions.html	
	Ratio 1 P32	https://www.mathsgenie.co.uk/writing-simplifying-ratio.html https://www.mathsgenie.co.uk/ratio.html	
	Ratio 2 P34	https://www.mathsgenie.co.uk/ratio-fraction-or-linear-function.html	
Wb 12/2/24	Direct proportion P36	https://www.mathsgenie.co.uk/proportion.html	
	Proportion best value P38	https://www.mathsgenie.co.uk/best-buys.html	
Wb 19/2/24	Proportion Recipes P40	https://www.mathsgenie.co.uk/recipe-questions.html	
	Proportion Exchange Rates P42	https://www.mathsgenie.co.uk/exchange-rates.html	
	Inverse proportion P44	https://www.mathsgenie.co.uk/proportion.html	

Revision after School

Every Thursday 3:30 to 4:30

- Grade 4/5 foundation club D15
- Grade 6/7 higher club D11
- Grade 8/9 higher club D14

Beyond GCSE

All students **continue to study maths** if they don't have a GCSE grade 4 or above

If your son/daughter is expressing an interest in

- **AS Mathematical Studies (Core Maths)**- minimum requirement is **grade 5**
- **A level Maths** -minimum requirement is **grade 7**
- **A Level Further Maths**- minimum requirement is **grade 8**

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Counts