



THE

SUTHERS  
SCHOOL

## How to Revise Maths

22<sup>nd</sup> November 2023



## New Casio FX-83GTCW Black Scientific Calculator

Visit the Casio Store

4.7 ★★★★★ 24,560 ratings

**Amazon's Choice** for "classwiz calculator"

7K+ bought in past month

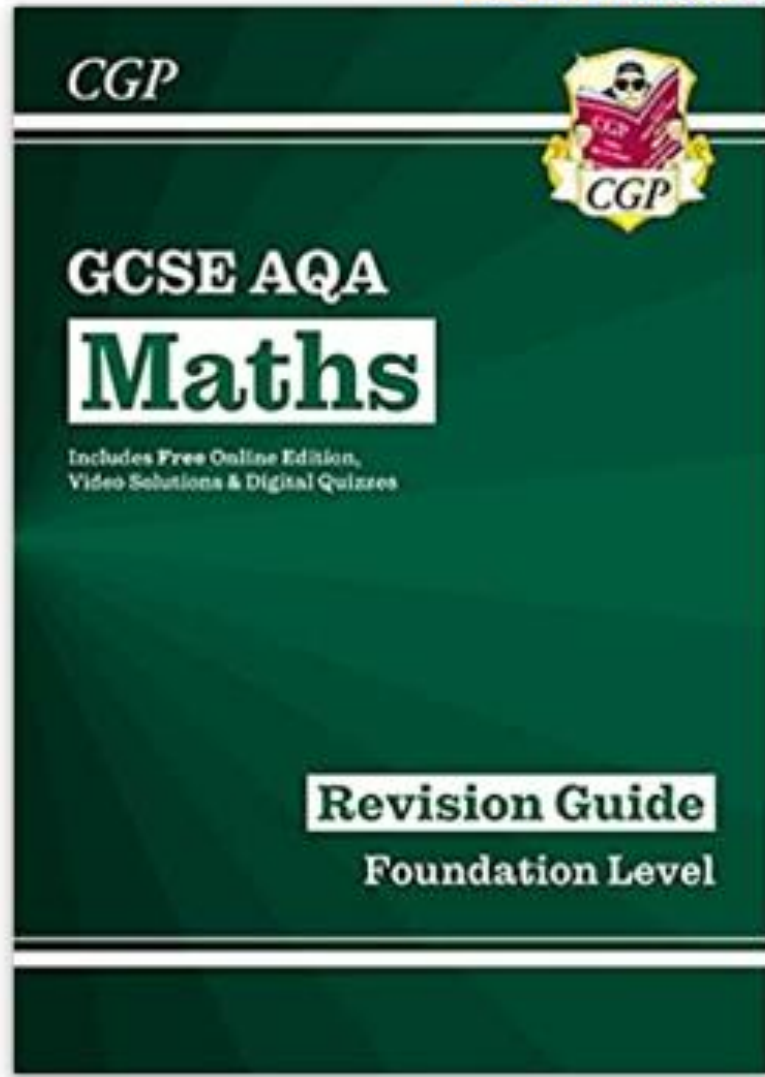
[https://www.amazon.co.uk/Casio-FX-83GTCW-Black-Scientific-Calculator/dp/B0BVW4TGFX/ref=sr\\_1\\_4?keywords=classwiz%2Bcalculator&qid=1700670744&sr=8-4&th=1](https://www.amazon.co.uk/Casio-FX-83GTCW-Black-Scientific-Calculator/dp/B0BVW4TGFX/ref=sr_1_4?keywords=classwiz%2Bcalculator&qid=1700670744&sr=8-4&th=1)



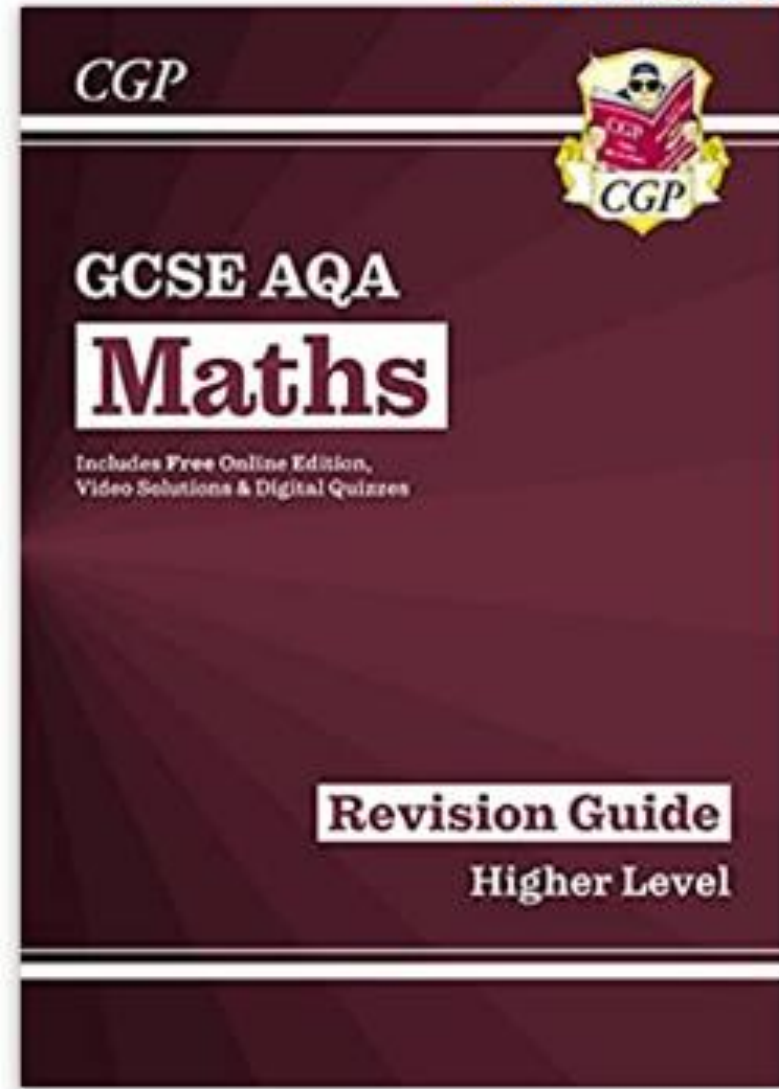
THE

SUTHERS  
SCHOOL

Look inside ↓



Look inside ↓



Mathswatch (username always first initial, surname@suthers eg. jbloggs@suthers and password: suthers2023) Click on 'videos' and select clips from the drop down menu

<https://vle.mathswatch.co.uk/vle/>

Corbettmaths videos (select a video from the list - alphabetical order, worksheets also attached, no log in required)

<https://corbettmaths.com/contents/>



THE

SUTHERS  
SCHOOL

Title: How to Revise Maths

Date: 28/11/2023

Preparation for Mock Exams

Corbettmaths 5-a-day (a selection of hundreds of 5 question worksheets, sorted by difficulty, no log in required)

<https://corbettmaths.com/5-a-day/gcse/>

Mathsgenie – no login required. Every GCSE topic listed by grade.

<https://www.mathsgenie.co.uk/gcse.html>



THE

SUTHERS  
SCHOOL

Title: How to Revise Maths

Date: 28/11/2023

Preparation for Mock Exams

Dr Frost Maths

<https://www.drfrostmaths.com/>





THE

SUTHERS  
SCHOOL

Title: How to Revise Maths

Date: 28/11/2023

Preparation for Mock Exams

GCSE Maths tutor on Youtube

<https://www.youtube.com/@TheGCSEMathsTutor>

Grade 3	Tally
Error Intervals	
Fractions	
Estimation	
Simplifying Ratio	
Ratio	
Proportion	
Percentages	
Percentage Change	
Exchange Rates	
Conversions and Units	
Scale Drawings	
Best Buy Questions	
Substitution	
Solving Equations	
Drawing Linear Graphs	
Area and Circumference of Circles	
Transformations	
Area of Compound Shapes	
Frequency Trees	
Two Way Tables	

Grade 4	Tally
Compound Interest/Depreciation	
Indices	
Prime Factors/HCF/LCM	
Distance Time Graphs	
Inequalities	
Forming and Solving Equations	
Finding the nth Term of a Sequence	
Expanding and Factorising	
Pythagoras	
Angles in Parallel Lines	
Surface Area	
Volume of a Prism	
Cylinders	
Loci and Construction	
Bearings	
Plans and Elevations	
Averages from Tables	
Probability	
Scatter Graphs	

Grade 5	Tally
Reverse Percentages	
Ratio to Fraction Problems	
Changing the Subject	
Solving Equations by Factorising	
Drawing Quadratics/Cubics/Reciprocals	
Gradient of a Line	
Equation of a Line	
Vectors	
Venn Diagrams	
Direct and Inverse Proportion	
Standard Form	
Speed and Density	
Expanding and Factorising Quadratics	
Simultaneous Equations	
Midpoint of a Line	
Spheres and Cones	
Sector Areas and Arc Lengths	
Similar Shapes (Lengths)	
Trigonometry	
Exact Trig Values	
Probability Trees	

Grade 5	Tally
Reverse Percentages	
Ratio to Fraction Problems	
Changing the Subject	
Solving Equations by Factorising	
Drawing Quadratics/Cubics/Reciprocals	
Gradient of a Line	
Equation of a Line	
Vectors	
Venn Diagrams	
Transformations	
Direct and Inverse Proportion	
Standard Form	
Speed and Density	
Expanding and Factorising Quadratics	
Simultaneous Equations	
Midpoint of a Line	
Spheres and Cones	
Sector Areas and Arc Lengths	
Similar Shapes (Lengths)	
Trigonometry	
Exact Trig Values	
Probability Trees	

Grade 6	Tally
Recurring Decimals to Fractions	
Fractional and Negative Indices	
Product Rule for Counting	
Compound Interest	
Triple Brackets	
Parallel and Perpendicular Lines	
Graphical Inequalities	
Similarity (Area and Volume)	
Enlargement with a Negative SF	
Circle Theorems	
Cumulative Frequency	
Boxplots	
Capture Recapture	

Grade 7	Tally
Direct and Inverse Proportion	
Quadratic Formula	
Factorising Quadratics $a > 1$	
Sine Rule	
Cosine Rule	
Area of a Triangle using Sine	
Histograms	
3D Pythagoras and Trigonometry	
Conditional Probability	
Iteration	
Congruent Triangles	
Using Exact Trigonometry Values	

## Higher Tier Topics



Grades 8 and 9	Tally
Quadratic Simultaneous Equations	
Transforming Graphs	
Proof	
Completing the Square	
Finding the nth Term of a Quadratic	
Quadratic Inequalities	
Proof of the Circle Theorems	
Equations of Perpendicular Lines	
Vector Proofs	