

**How do I revise for  
my GCSE Maths?**



Basically hard work pays off.

If you are willing to put in the hard work then you can definitely get a top grade in maths.

It depends how much you want it!

# Top Revision Tips



1) Start early using a “little and often” approach.

It is so important that you regularly practise the material you have learnt in lessons.

The only way to remember what you learnt yesterday/last week/last month/last year is to regularly try questions on those topics.

Use P6!

## 2) Revise Strategically – Ensure you have a list of the topics that are in the exam

Adding Fractions - Video 133  
Multiplying Fractions - Video 142  
Dividing Fractions - Video 134  
Estimation - Video 215  
Best Buys - Video 210  
Currency - Video 214a  
Conversion Graphs - Video 151, 152  
Product of Primes - Videos 223, 224  
Indices - Videos 172, 174  
Indices (fractional/negative) - Videos 173, 175  
Standard Form - Videos 300, 301, 302, 303  
Percentages of Amounts - Videos 234, 235  
Percentage change - Video 233  
Compound Interest - Video 236  
Reverse Percentages - Video 240  
Recurring Decimals to Fractions - Video 96  
Ratio - Videos 270, 271  
Direct Proportion - Video 254  
Inverse Proportion - Video 255  
Limits of Accuracy - Videos 183, 184  
Surds - Videos 305, 306, 307, 308  
Product Rule for Counting - Video 383  
Error Intervals - Video 377  
Collecting Like Terms - Video 9  
Expanding a Bracket - Video 13  
Expanding 2/3 Brackets - Videos 14, 15  
Factorising - Video 117  
Factorising Quadratics - Videos 118, 119, 120  
Algebraic Fractions - Videos 21, 22, 23, 24  
Sequences (nth term) - Videos 288, 289  
nth term (quadratics) - Video 388  
Substitution - Video 20  
Equations - Videos 110, 113, 114, 115  
Changing the Subject - Videos 7, 8  
Inequalities - Videos 177, 178, 179  
Inequalities (Regions) - Video 182  
Quadratic Inequalities - Video 378  
Linear Graphs - Videos 191, 186, 189, 194  
Parallel or Perpendicular Lines - Videos 196, 197  
Simultaneous Equations - Video 295/298

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

✓ GCSE Higher Tier Checklist 9-1



Angles in Parallel Lines - Video 25, 39  
Bearings - Video 26, 27  
Angles in Polygons - Video 32  
Constructions - Video 78, 72, 79, 80, 70  
Loci - Videos 75, 76, 77  
Area of a Trapezium - Video 48  
Circumference - Video 60  
Area of a Circle - Video 40  
Arc Length - Video 58  
Area of a Sector - Video 48  
Volume of a Cylinder - Video 357  
Pythagoras - Video 257, 259  
Trigonometry - Videos 329, 330, 331  
3D Trig and Pythagoras - Videos 259, 332  
Exact Trig Values - Video 341  
Volume of a Prism - Video 356  
Volume of Cone/Pyramid/Sphere - Videos 359-361  
Surface Area of a Prism - Video 311  
Surface Area of Cone/Sphere - Videos 314, 313  
Translations - Video 325  
Reflections - Video 272  
Rotations - Video 275  
Enlargements - Videos 104, 106, 107, 108  
Similar Shapes - Videos 292, 293a, 293b  
Circle Theorems - Videos 64, 65  
Sine Rule - Video 333  
Cosine Rule - Videos 335, 336  
1/2abSinC - Video 337  
Vectors - Video 353  
Travel Graphs - Video 171  
Speed, Distance, Time - Video 299  
Density - Video 384  
Pressure - Video 385  
Geometric Proof - Video 366

Frequency Trees - Video 376  
Two-way Tables - Video 319  
Pie Charts - Videos 163, 164  
Scatter Graphs - Videos 165, 166  
Histograms - Video 157, 158, 159  
Frequency Polygons - Videos 155, 156  
Stem-and-leaf - Videos 169, 170  
Cumulative Frequency - Videos 153, 154  
Box Plots - Video 149  
Estimated Mean - Video 55  
Tree Diagrams - Video 252  
Conditional Probability - Video 247  
Capture Recapture - Video 391  
Venn Diagrams - Video 380  
Equation of a Circle - Video 12  
Equation of a tangent - Video 372  
Instantaneous rates of change - Video 309a  
Average rates of change - Video 309b  
Area under a curve - Video 389  
Composite Functions - Video 370  
Inverse Functions - Video 369  
Quadratic Graphs - Video 264  
Trigonometric Graphs - Videos 338, 339  
Reciprocal Graphs - Video 346  
Exponential Graphs - Video 345  
Algebraic Proof - Video 365  
Quadratic Formula - Video 267  
Completing the Square - Video 10, 371  
Transformations of Graphs - Video 323  
Iteration - Video 373

3) Past papers, past papers, past papers!

The vast majority of a GCSE maths paper is fairly predictable. So by completing loads of past papers, you will be fully prepared for the majority of the questions... it will also help you identify what topics are your “weaknesses”

## 4) Timings

When you are working on past papers, consider timing yourself to make sure you are working at a good pace.

If the exam has 80 marks and is 1 hour 30 minutes long, “a minute a mark” is a good rough guideline.

## 5) Revision Sessions.

I highly recommend taking advantage of any opportunities you have in school.

I run higher revision sessions and Mrs Craig runs foundation sessions.



## 6) Variety.

Mix up your revision, adding in different activities.

Use revision cards or even make your own!

Make a posters on key facts.

It's important that you don't get bored of revision, however don't spend too long making posters.

7) Use your lesson time wisely.

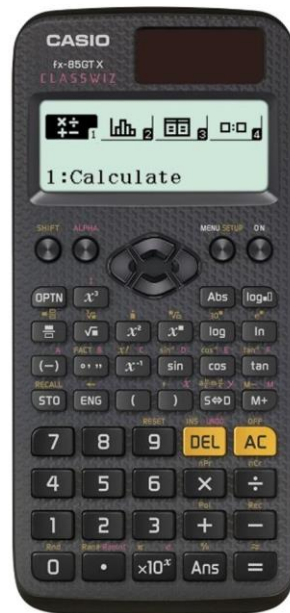
Although you may spend a few hours a week revising mathematics, remember you also have 3/4 maths lessons each week. Keep 100% focussed in your lessons and avoid distractions.

8) Create a cheat sheet.

Start making a note of any useful formulae you need.

9) It is so important you are fully equipped to revise.

It is very important to become familiar with your calculator and what each button does.



10) Use these great resources

[www.corbettmaths.com](http://www.corbettmaths.com)

<http://www.mrbartonmaths.com/gcse.html>

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