

MATHS GCSE REVISION ADVICE

GCSE Overview

- Exam Board – Edexcel
- Tiers;
 - Foundation (Grades 1 – 5)
 - Higher (Grades 4–9)
- 3 x Papers;
 - Paper 1 (Non-calculator)
 - Paper 2 (Calculator)
 - Paper 3 (Calculator)

Each paper is worth 80 marks, a total of 240 marks.

Upcoming GCSE Exams

**GCSE Paper 1: Thursday 15
May 2025 (AM)**

**GCSE Paper 2: Wednesday
04 June 2025 (AM)**

**GCSE Paper 3: Wednesday
11 June 2025 (AM)**

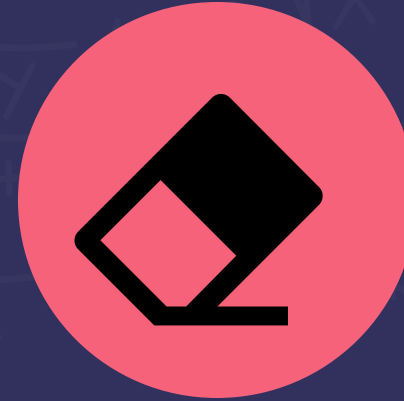
Revise with your exam toolkit!



Black Pen



Pencil



Rubber



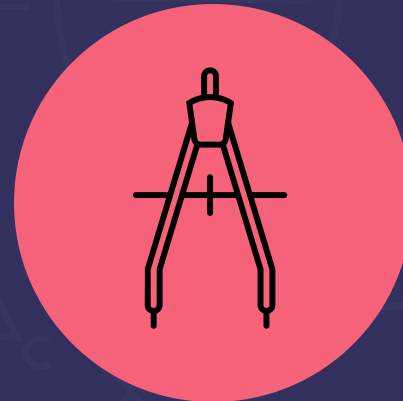
Scientific Calculator



Ruler



Protractor



Compass



Pencil Sharpener

MATHS REVISION TIPS



Get organised

To be successful at revision it is important that you know what you need to do. Use your revision checklist/QLA to make a list of all the topics that you need to cover.



Make a plan

Plan exactly when you are going to revise and be strict with yourself. Break your revision sessions into manageable chunks and plan rest breaks in.



Do maths

Don't just read through the textbook!

The only way to revise maths is to do maths.

You will do much better spending 20 minutes doing maths questions than spending two hours just reading a textbook.

MATHS REVISION TIPS



**Be strategic
with revision
topics**

Don't just practice the topics you can do. Although it can be painful, work your way through the topics that you struggle with (use your QLA), because it's better to struggle at home, then seek help, than it is to struggle in the exam.



Ask for help!

Once you're in your exam, you're on your own. Use the time now to seek help on topics you are struggling with. This can be from your teacher, friends, someone at home or using videos from our recommended websites.



**Practice
exam
conditions!**

Once you have gained some confidence, work on questions, in silence, with no help, for a fixed amount of time. This will get you used to what it will be like in the exam, how fast you need to go, and is the best way of checking that you really understand a topic.

STUDY RESOURCES



<https://padlet.com/hannahhiggins8/maths-gcse-revsion-wmi6r04v18t0mzmb>



MATHS REVISION EXAMPLE – AREA OF A CIRCLE



Do you have the knowledge?

Most people struggle to learn maths by reading. Get input from your teacher or a video. For area of a circle, we need to know the formula, substitution, exact values, how to use our calculator and rounding. Making clear notes from guided examples is important before you start trying to tackle questions.



Practice

The only way to get confident is to find the area of lots of circles! Start with basic questions and build up to exam questions. Area of a circle exam questions can involve working backwards to find the radius, compound area or tackling worded problems in context. We need exposure to all of this to be exam confident!



Revisit with recall

Make sure you come back and try questions again regularly. This allows knowledge to stick in your long-term memory! If you are using Sparx Maths as a revision tool it has a great consolidation feature. Corbett 5 a day and regular exam practice are also good ways to mix up retention topics!

STRATEGIES MOVING FORWARD



What can parents do to support their children through their GCSEs?

- **Give guidance for revision techniques.**
- **Help draw up a realistic revision timetable.**
- **Keep them motivated – ensure they have a positive working environment.**
- **Check in with them regularly – be supportive throughout the whole process, and make sure they are properly equipped for revision. This can include resources and equipment.**
- **Quiz them – Formulae, methods, topics etc.**