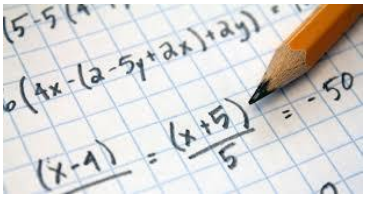
GCSE Maths helpful information for parents and students



Note we follow the **Pearson/Edexcel** exam board for GCSE maths, so look out for references to this when purchasing resources or using websites. Also, it is important to know which tier of paper you are preparing for. You should know whether you are sitting the **foundation or higher tier** paper (check with your teacher if you are not sure.)

You are preparing to sit 3 papers in maths. Paper 1 is non-calculator and the other two are calculator papers.

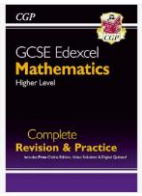
Useful links

Lists of topics and revision checklists

- Knowledge Organsiers are on your teams channel under resources.
- https://vle.mathswatch.co.uk/vle/ (Mathswatch for revision videos and practise questions)
- https://www.kls.herts.sch.uk/assets/List_of_Clips_v15-Mathswatch.pdf (A topic list from mathswatch)
- https://www.kls.herts.sch.uk/assets/Mathswatch-Revision-Students-Sheets-Year-10-and-11-from-2023.pdf (Every GCSE maths topic mapped to its revision video in mathswatch, in the order it was taught at Kings Langley)
- Edexcel Higher Checklist 2022 https://corbettmaths.com/wp-content/uploads/2021/12/Edexcel-Higher-Checklist.pdf (Higher Tier revision checklist)
- https://corbettmaths.com/wp-content/uploads/2021/12/Edexcel-Foundation-Checklist.pdf (Foundation Tier revision checklist)

Revising Individual Topics

- https://corbettmaths.com/ (5-a-day for quick revision sessions/worksheets for practise on individual topics/videos and more)
- https://vle.mathswatch.co.uk/vle/ (Mathswatch for revision videos and practise questions)
- Use the CGP Revision and Practise books which were given to you this year.



Past Paper Practice

- Maths Genie - Free Online GCSE and A Level Maths Revision (Past papers with student friendly mark schemes and video solutions. Scroll to find either the foundation or higher papers)

- https://www.1stclassmaths.com/ (Click the revision tab to see how frequently topics turn up on exam papers and this website also predicts the contents of the paper 2 and 3 once paper 1 has been sat)

Extra Resources

You may wish to purchase extra resources to support your revision. Examples include:

- Revision cards (foundation here, but higher are also available) GCSE Maths Edexcel Revision Question Cards - Foundation: for the 2025 and 2026 exams (CGP Edexcel GCSE Maths): Amazon.co.uk: CGP Books, CGP Books: 9781789083378: Books

Higher

- Pearson REVISE Edexcel GCSE Maths (Higher): Revision Guide incl. online revision, quizzes and videos - for 2025 and 2026 exams : Smith, Harry: Amazon.co.uk: Books (Knowledge organiser style book to revise the content before you practise questions – Higher)
- Pearson REVISE Edexcel GCSE Mathematics (Higher) Revision Workbook - for 2025 and 2026 exams : Marwaha, Navtej: Amazon.co.uk: Books (Workbook to practise questions by Pearson – Higher)

Foundation

- Pearson REVISE Edexcel GCSE Maths (Foundation) Revision Guide: incl. online revision, quizzes and videos - for 2025 and 2026 exams : Smith, Harry: Amazon.co.uk: Books (Knowledge organiser style book to revise the content before you practise questions – Foundation)
- Pearson REVISE Edexcel GCSE Mathematics (Foundation) Revision Workbook - for 2025 and 2026 exams : Marwaha, Navtej: Amazon.co.uk: Books (Workbook to practise questions by Pearson – Foundation)

Formula sheets for the exams

You get a formula sheet for the exam, there is one for the foundation tier and one for the higher tier. Use these during your revision to learn what can be found on this and what you still need to memorize.

Higher Edexcel GCSE (9-1) Mathematics: Higher Tier Exam Aid

Foundation Edexcel GCSE (9-1) Mathematics: Foundation Tier Exam Aid

Calculators

Check that your calculator is going to make it! Has it been damaged, or has it been scribbled on so that you can't see the functions? Is it old and at risk of the battery failing, right in the middle of the exams?

If you need to get a new one then now is the time, so that you get used to it before the exams. This is especially important if you have one of the older models of calculator which have been replaced and are no longer available.

- Here is a link to a suitable model of calculator: Casio FX-83GTCW Black Scientific Calculator : Amazon.co.uk: Stationery & Office Supplies

- Typing Casio-FX-83GTCW into YouTube will give a range of helpful 'how-to' videos to help you become used to your new calculator.

Required Equipment

It is important that you are well prepared to sit the exam. It isn't a good feeling to be running around the school trying to find a teacher to borrow a protractor off, when you should be calmly preparing yourself for the exam.

- The required equipment is Calculator (for papers 2 and 3), ruler, rubber, pencil (and sharpener), pen (with a spare), compasses and protractor.
- Optional: highlighters for picking out information in questions but be aware that papers are scanned for marking and the exam marker may not see your highlighting due to this. For the same reason it is important that your pencil is an HB one and not a 'hard' pencil which might not show up on your paper when it is scanned.

- If you prefer a visual guide! >> 

Tips for Revising GCSE Maths

- The best way to revise for GCSE maths is to 'do' maths. Don't spend a long-time making revision notes or cards. Spend this time practising topic areas you know need work (use the feedback sheets from the trial exams as a place to start) and on past paper practise.

- Use the links above to find a topic list and 'red-amber-green' the topic areas. Then use the resources to drill down to specific topic areas that require help. Then use the past papers links to get GCSE papers from previous years and have a go. Use the link for the formula sheet when you practise these papers, so that you get used to it for the real exams. This process will identify further weaker areas which you can then go back and revise. Then back to the past papers, keep following this loop!

Good luck with your studies for this year's GCSE in maths!

Mr Wilshaw and the maths team.

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Unlocking potential for life