



GCSE Mathematics

| Edexcel GCSE Mathematics Foundation Tier: Grades 1-5 Higher Tier: Grades 3-9 | | | | |
|--|---|---|--|--|
| Paper 1 | Paper 2 | Paper 3 | | |
| Non Calculator | Calculator | Calculator | | |
| 1 hour 30mins 80 marks Weighting: 33 ⅓% | 1 hour 30mins 80 marks Weighting: 33 ⅓% | 1 hour 30mins 80 marks Weighting: 33 ⅓% | | |

The Maths Faculty promotes many ways in which your student can revise for their GCSE. Listed below are some staff and student recommendations to secure or exceed the desired grade.

Online Resources

Sparx Maths



Sparx Maths will require your child to have their personal log in details. They can get these directly from their teacher.

Sparx Maths (www.sparxmaths.com) is an excellent site, due to the quality of the videos and how well the topics are broken down.

Once logged in, a student can search for a topic that they need to work on and they can also use

the surrounding building blocks to support the progression in their learning.

Sparx Maths also provides a quiz to check their understanding. The site will also track the percentage of the video watched as well as their attempts at the quiz, so that they can see where weaker areas may remain.





Corbett Maths



Corbett Maths (www.corbettmaths.com) – Corbett Maths is a free site that your child can access that provides a great deal of supporting material and question practice.

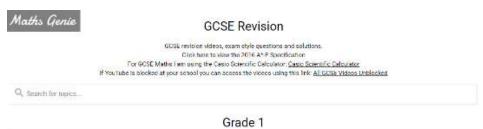
The key area that your child may find useful are the 5-a-day questions alongside the videos. Your child needs to be sure to select the 5-a-day GCSE 9-1 to ensure they are getting suitable questions.

Depending on the tier and set your child is working in, they will find different questions suitable. The 5-a-day is designed to give pupils 5 questions for each day of the year to practice different areas of the maths GCSE. They come complete with answers by clicking on the answers link on the page. The answers are

particularly beneficial as they are model answers that show the calculations required to arrive at the answers rather than just the answer itself.

The videos, along with further practice questions and worksheets are designed to support your child with areas they may find difficult. This site is immediately accessible without logging in.

Maths Genie



| Videos | Exam Questions | Exam Questions Booklet | Solutions |
|--|----------------|--|-----------|
| Addition and Subtraction | Exam Questions | Addition and Subtraction | Solutions |
| Multiplication and Division | Exam Ouestions | Multiplication and Utrision | Solutions |
| Rounding | Exam Questions | Rounding | Solutions |
| lime | Exam Questions | Ime | Solutions |
| Place Value | Exam Ouestlens | Place Value | Solutions |
| Negative Numbers | Exem Questions | Negative Numbers | Solutions |
| Fowers and Roots | Exam Questions | Powers and Roots | Solutions |
| RIDMAS | Exam Questions | The Order of Operations | Solutions |
| Factors and Multiples | Exam Questions | Factors, Multiples and Primes | Solutions |
| Witting Simplifying and Ordering Fractions | Exam Oucations | Witting Simulifying and Ordering Fractions | Solutions |
| Coordinates | | Coordinates | Solutions |
| Pictograms | | Pictograms | Solutions |

Maths Genie is an excellent online resource with revision materials and support videos listed under the GCSE grade headings. Additionally, this website organises all the GCSE past papers which make for easy access and are paired with mark schemes and model handwritten solutions.





Other Resources

Corbett Maths Revision Cards

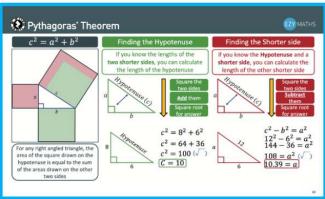
Corbett Maths revision cards (www.corbettmaths.com/revision-cards) in addition to the online materials Corbett Maths also has printed 'flash' revision cards for sale through their website. These cards can be an excellent resource to support revision in the build-up to the exam. The major benefit of these cards is that they contain QR codes which can be scanned by most mobile devices which link directly to the video, practice questions and answers related to a particular card or topic.



Interactive EzyEducation Knowledge Organiser

A high-quality physical knowledge organiser with an interactive audio visual element via a mobile phone. These knowledge organisers are an excellent learning tool and maximise the probability of inspiring some extra independent learning. Each individual topic summary page is backed by a unique 3-minute recap video on the mobile app – ideal alternative to text dense approaches. They are available to purchase in school from the Maths Office for GCSE Higher and GCSE Foundation for a current price of £5.00.







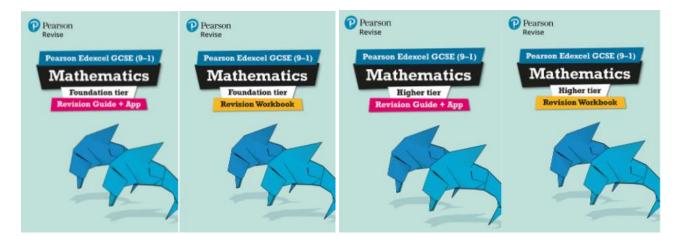




Revision Guides and Workbooks

Traditional style revision guide (with app) and workbook. These books have been written by Edexcel examiners and are therefore tailored to the style of the exam.

They are available to purchase in school from the Maths Office for GCSE Higher and GCSE Foundation for a current price of £5.50.



Ten Minute Test Books

The ten-minute test books cover every topic in GCSE Mathematics, so your child can test themselves and create a focused revision plan.

They are available to purchase in school from the Maths Office for GCSE Higher and GCSE Foundation for a current price of £3.00.

