

GCSE Mathematics
Year 11 – Information 2022/23

GCSE Mathematics	AQA Mathematics (8300)
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All students will take their Maths GCSE examinations in the summer of 2023.

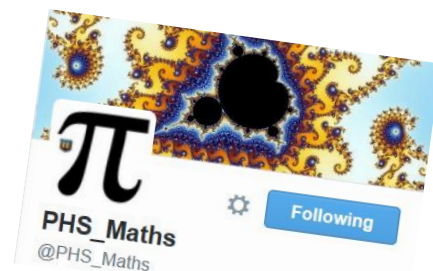
Details for the GCSE course can be found at:

<http://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300>

There are a total of 3 1hr30 exam papers for the GCSE course. (1 non calc and 2 calc).

Revision classes and Study days

The Maths department will be running some revision sessions in preparations for the GCSE exams and we will advertise them to the students through lessons and via our twitter account: **@PHS_Maths**



Important Dates

The first of the year 11 mocks are taking place during the mock exam period at the end of November through to the beginning of December. There will be a second maths mock exam during the spring term, where information will be given closer to the time

How can I help my child with their Maths?

All students are set homework tasks on a regular basis. In addition to supporting your son or daughter with this work, there are other ways that you can help your child to succeed in Maths.

- Practice papers, past papers, mark schemes and solutions are all available to the students through Google Classroom. While the students have not yet covered all the content for the course, they should use these to gain an understanding of the demand of questions expected of them next Summer.
- Students are being set revision homework via Google Classroom every Monday of week 1 which is then practiced in lesson during week 2.
- All our written home learning tasks will be set and submitted via google classroom. This means that if they miss a lesson that home learning is set they can always complete the work.
- Students will also have access to both Seneca Learning and Dr Frost Maths. Log in information will be provided to students via Google Classroom
- If they have already purchased a revision guide or workbook, encourage them to use these on a regular basis to support the work that they are covering in lessons.
- Use Youtube – there are a lot of useful video clips for Maths revision on here.
- Encourage them to sign up for the revision sessions when these start
- Ensure that they have the equipment that they need – they will be using their calculators, rulers, protractors and compasses in lessons as well as in the exams.
- Students will be sitting a formal assessment every half term, compiled of past GCSE questions to help prepare students for their GCSE.

Useful revision material and websites:

We are able to order revision guides at a discounted rate. These will be available to order shortly through the ParentPay platform. Information will be made available via Google Classroom

Useful Websites:

www.aqa.org.uk

<http://corbettmaths.com>

www.bbc.co.uk/bitesize

www.dr frostmaths.com

<https://senecalearning.com>

Higher: AQA GCSE Maths Higher Tier All-in-One Revision: ISBN 978-0008112509

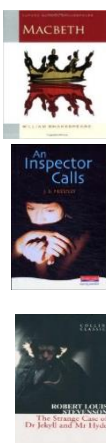
Foundation: AQA GCSE Maths Foundation Tier All-in-One Revision: ISBN 978-0008112516

English Language:**Paper 1**20th Century Literature reading

Creative writing

Paper 219th Century and 21st Century reading

Transactional writing

100% Examination**English Literature:****Paper 1***Macbeth**The Strange Case of Dr. Jekyll and Mr. Hyde?***Paper 2***An Inspector Calls*

Power and Conflict poetry

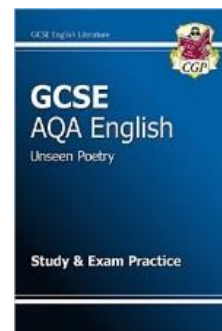
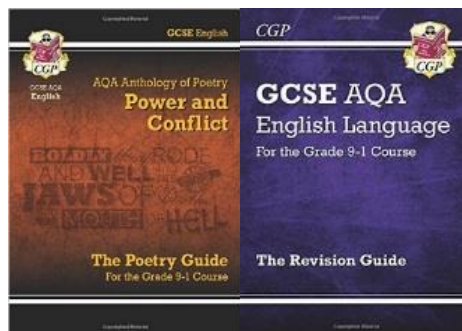
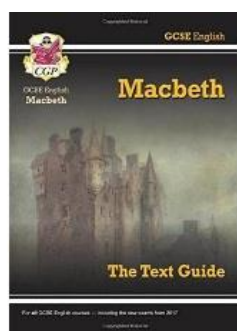
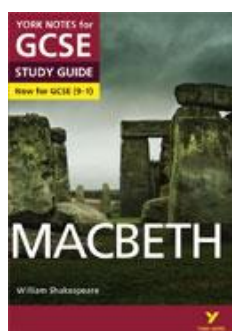
Unseen poetry

100% Examination**How can I help my child study English at home?**

All students receive regular home revision tasks via Google Classroom but there are also ways that you can help your child succeed in English.

- ✓ **Follow us on Twitter to gain access to useful activities: @PHS_EngDept**
- ✓ Encourage your child to attend our Supported Study sessions from Spring
- ✓ Talk to them about their Centralised Home Learning on a regular basis and check their folders.
- ✓ Discuss language at every opportunity. Ask them what they think about word choices on TV, in newspapers, in conversations that they've participated in etc.
- ✓ Let them see you reading
- ✓ Encourage them to read a range of fiction and non-fiction texts including a broadsheet newspaper on a regular basis
- ✓ Read the literature texts and discuss them together.
- ✓ Encourage them to read the GCSE texts more than once.
- ✓ Talk to them about plot, character and themes; ask them to explain their ideas to you.
- ✓ Rent the films and talk about the differences between the book/drama and the film version
- ✓ Discuss characterisations, settings, and themes of TV shows and films that you have enjoyed together
- ✓ Support them in creating a study timetable.
- ✓ Test them on their revision notes.

Useful revision guides:



GCSE Combined Science – 2 GCSEs	GCSE Separate Sciences – 3 GCSEs
AQA Combined Science: Trilogy (8464)	AQA Biology (8461), AQA Chemistry (8462), AQA Physics (8463)

- All students will take their Science GCSE examinations in the summer of 2023.
- Combined Science students will sit a total of 6 examinations to gain the equivalent of two GCSEs
- Separate Science students will sit 2 examinations per Science subject to gain three GCSEs in Biology, Chemistry and Physics

Details for the GCSE course can be found at:

Combined Science: Trilogy (8464) <http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

Biology (8461) <http://www.aqa.org.uk/subjects/science/gcse/biology-8461>

Chemistry (8462) <http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>

Physics (8463) <http://www.aqa.org.uk/subjects/science/gcse/physics-8463>

Key information

- On target to complete the course and we have built in knowledge retrieval and flash backs.
- The Science course is mapped out with built in revision time as usual.
- Checklists, Science Six and a chunked revision programme are used throughout the year.
- Online resources for students: Seneca for personalised learning and Focus eLearning for practical work.

Year 11 assessments

This half-term, students will complete an in-class assessment for each Science subject. Students will be informed of the dates and topics to revise by their individual teachers.

In addition to these, Y11 Science students will sit 2 science mock exams this academic year. We will assess Paper 1 content during Year 11 December Mocks and there will be an additional Science Mock in March which will assess Paper 2 content.

How can I help my child with their Science?

All students are set home learning tasks on a regular basis. In addition to supporting your son or daughter with this work, there are other ways that you can help your child to succeed in Science:

- If they have purchased a revision guide or workbook, encourage them to use these on a regular basis to support the work that they are covering in lessons.
- All students will be set a revision task every fortnight called **Science Six**. This was launched the week beginning 13th September. This will be set on Google Classroom every week two Monday and will help them to recap Y9 and Y10 work in preparation for the December mock exams. Please encourage them to complete this.
- Use the Science GCSE bitesize revision website:
- <http://www.bbc.co.uk/schools/gcsebitesize/science/aqa> (Combined Science)
- <https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7> (Biology Separate Science)
- <https://www.bbc.co.uk/bitesize/examspecs/z8xtmnb> (Chemistry Separate Science)
- <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm> (Physics Separate Science)
- Use Seneca for consolidation, revision and personalised learning <https://senecalearning.com/en-GB/>. Please ensure your child has made a log-in for Seneca.
- Use Focus eLearning for practical work which all students now have access to and have been told how to log on in class www.focuselearning.co.uk

Revision guides

Last year most students purchased a revision guide. If you did not, we recommend the CGP revision guides.

Combined Science revision guide:

Higher: CGP Grade 9-1 GCSE Combined Science: AQA Revision Guide with Online Edition – Higher

Foundation: CGP Grade 9-1 GCSE Combined Science: AQA Revision Guide with Online Edition - Foundation

Separate science revision guides:

Biology: CGP Grade 9-1 GCSE Biology: AQA Revision Guide with Online Edition – Higher

Chemistry: CGP Grade 9-1 GCSE Chemistry: AQA Revision Guide with Online Edition – Higher

Physics: CGP Grade 9-1 GCSE Physics: AQA Revision Guide with Online Edition - Higher