

GCSE Mathematics
Year 10 – Information for 2022/23

GCSE Mathematics	AQA Mathematics (8300)
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All students will take their Maths GCSE examinations in the summer of 2024.

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 though lessons and via our twitter account:

@PHS_Maths

The revision lessons will start towards the end of year 10 and throughout year 11.



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 should be set SMART homework tasks through google classroom by their teacher where areas for improvement have been identified. Please make sure they check their google classroom task list on a regular basis and complete the tasks that have been set.
- 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 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 in the summer term of year 10 through the ParentPay platform.

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

Useful Websites:

www.aqa.org.uk

<http://corbettmaths.com>

www.bbc.co.uk/bitesize

www.dr frostmaths.com

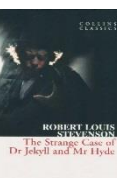
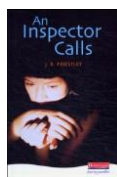
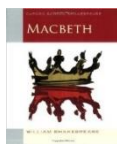
<https://senecalearning.com>

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

	HT1	HT2	HT3	HT4	HT5	HT6
English Language	Written Language Investigation	Writers' Method Inquiry	Spoken Language Investigation	Other Worlds	Wider Reading and Writing – Whole Texts	
English Literature	Power and Conflict Poetry	<i>Macbeth</i>	Power and Conflict Poetry	<i>An Inspector Calls</i>	Paper 2 Revision	<i>Jekyll and Hyde</i>

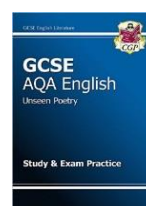
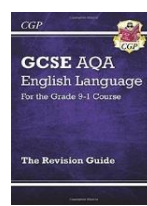
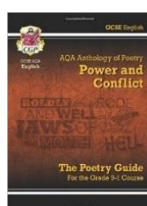
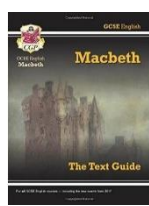
English Language and English Literature are now timetabled as individual subjects. Students receive 2 GCSEs for their efforts. This is a common course structure for all teachers although there will be variations in approach to suit particular groups.

How can I help my child study English at home?

All students receive regular revision task 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**
- ✓ Talk to them about their Centralised Revision on a regular basis.
- ✓ 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 characters 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 Science
Year 10 – Information for 2022/23

GCSE Combined Science	GCSE Separate Sciences
2 GCSEs	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 2024.
- 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

- The Science course is mapped out with built in revision time.
- Checklists and a chunked revision programme are used throughout the year.
- Online resources for students: Seneca for personalised learning and Focus eLearning for practical work.

Y10 Science exams

In addition to topic tests throughout the year, Y10 Science students will sit an mid-year mock exam, which will assess all the Science content covered from Y9 and Y10.

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.

- 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

We recommend the new CGP revision guides. You will receive information on how to order these at a reduced cost this half term.

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