

Remote learning in Maths for Years 7-10 and 12

General

All work is set on Google Classroom. Various websites are being used by teachers to enable content delivery, practice and some formative assessment (the latter is often through online quizzes). A few general points are given below:

- As directed by teachers, boys should continue to take notes of key points and write their solutions on paper, even if the answers are to be submitted online.
- If they have finished their exercise book, new books with squared paper can be ordered online (e.g. from Ryman), or they can use plain paper (but they are encouraged to have a system for filing it)!
- Boys have been given login details for all the websites that require them, but should contact their Maths teacher if they have any difficulty logging in.
- If they have limited access to a computer, some of the content can be printed out in advance at home, but they should contact their teacher if this is proving problematic.
- Some websites have struggled with server capacity at times, particularly in the mornings, but we have been assured they are taking steps to overcome this. If boys have trouble accessing sites, they should try again later in the day.
- If boys are struggling with work, they should let their teacher know by email or on Google Classroom. Teachers may not reply straight away though, and may instead give general feedback to the whole class.
- Half-termly “progress review tasks” may require boys to photograph written solutions and attach them to an assignment on Google Classroom.

Guidance about the most commonly used resources is given below:

Textbooks

- For most classes these are available online (Kerboodle for Years 7-10 and ActiveLearn for Year 12). For classes where this is not the case, copies of pages are being posted on Google Classroom, or boys were issued with paper copies of books before the school closed.
- Teachers are providing solutions for self-marking as required. Occasionally they may also carry out spot checks by asking a few students to send them a photograph of their work.

Hegarty Maths

- This site is being used for Years 7-10 and tasks include a video and a quiz. Boys should watch the whole video first and take notes on key points. For the quiz, they should write out their solution before submitting an answer.
- Unless they score 100%, boys can re-attempt the quiz. If they score below 70% they are encouraged to use the feedback the site provides and have another go if they feel they can improve. They can also ask questions to their teachers, but as with other online communication, teachers may not reply immediately and may respond with general feedback to the whole class.
- Maths symbols can be inputted by using the on-screen keypad.

MathsWatch

- This site is being used for Years 7-10 and tasks include a video and a homework. The videos involve practice questions which students should answer in their exercise books and check against the worked solution in the video. They should also write out their solution for the homework before submitting each answer.
- The homework tasks give immediate feedback on the answers. They can be attempted more than once until the due date.
- In the "Extras" section there is help on how to input certain type of answers and on how to use any construction tools.

DrFrostMaths

- This site is mainly being used for Years 10 and 12 and has more detailed online assessments. These provide thorough feedback and enable communication with the teacher as above.
- Students need to be in the discipline of writing out their solutions before submitting answers.

Mymaths

- All tasks include a lesson and a homework. Students should work through the lesson, writing working down as required, before doing the same for the homework.
- Again, as a rule of thumb, they are encouraged to have another attempt, perhaps after working through the lesson again, if they score below 70%.

YouTube videos

Various channels are being used for these to assist in content delivery. Two we particularly recommend are:

- Maths Genie: <https://www.youtube.com/channel/UCTr7jsVuqZdRJDe2Nnvnvw/featured>
- Haberdashers Adams (for A Level):
https://www.youtube.com/channel/UCyyRmnmVgV5Sm7_UiCLFgQ

Those with more time

There is plenty more content that boys can access on the sites above, simply by browsing for it.

BBC Bitesize is also providing excellent daily Maths lessons for Years 7-10:

<https://www.bbc.co.uk/bitesize>.

Year 12 students have been emailed a link to a WBS Maths revision website, that provides lots of resources and links to other useful sites.

For the particularly keen, Numberphile is also a great source of enrichment videos:

<https://www.youtube.com/channel/UCoxcjQ-8xIDTYp3uz647V5A>