Maths GCSE advanced information (AI)

Key points and teaching questions to consider:

- Remember that it is advised that teaching and learning should still cover the entire subject content to prepare students for the next stage in their education
- Remember that students will have access to the new formula/ exam aid sheet in the examination. Make sure students have access to these formula sheets in every lesson/ assessment. Are they written in the same format you would use in your classroom?
- The 'major focus of the content of the exam' list does not contain all the content being examined in the paper, there will be some 'linked' content from other areas. Linked questions are those that bring together knowledge, skills and understanding from across the specification. Students may still need to draw on prior knowledge and they WILL be expected to apply their knowledge to unfamiliar contexts. **It is vital students and parents understand this.**

Leadership questions:

- How are you communicating this information to parents and to students? Particularly the idea of 'linked' content and application of knowledge to unfamiliar contexts.
- How are you planning on separating out the paper revision?
- What impact will any decisions have on the transition to further courses?
- Consider the "crossover" topics if you have a higher/ foundation split. How will this impact eh planning for these groups?

Where the pre-release material can be found:

AQA: AQA | 2022 exam changes

Edexcel (incl exam aid sheet): Summer 2022 support | Pearson qualifications

OCR: 2022 advance information (ocr.org.uk)

Where the new 2022 formula/ equation/ data sheets can be found:

AQA: AQA | GCSE | Mathematics | Changes for 2022

Edexcel: Summer 2022 support | Pearson qualifications

OCR: Formulae and data sheets for assessments in 2022 (ocr.org.uk)

PiXL resources which may help support revision of advanced notice topics:

Wave DTP: PiXL Members Area

Knowledge – KnowIT, GraspIT in particular: PiXL Members Area

Gaps & Growth – Strengthening the foundations: PiXL Members Area

Independence- foundation and higher booklets: PiXL Members Area

Strive for Five: PiXL Members Area

We know that you will be finding the time to read through all the advanced information for the specifications you deliver at both Key Stage 4 and Key Stage 5. We appreciate that there will be much to consider about where you are best to focus some of your exam preparation before the Summer exam series. We also recognise that many of your previous resources and plans will need adaptations overall and at question level.

We have put together some possible questions and considerations for you in these subjects. We've included links to the exam board websites along with some leadership questions and some PiXL resources that may be of use to you and your students. We will continue to update your school leaders via our conferences. Do reach out via admin@pixl.org.uk if you have any particular queries and we can collate an FAQ document.

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