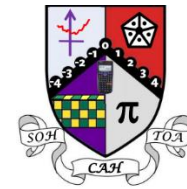


Advanced Higher Mathematics Study Support



Advice and assistance

To help you get ready for Advanced Higher Maths, the Maths Department have put together this helpful study guide. Read it. Refer to it. Use it.

And remember that we're here to help. If you're working hard in class and revising using these top tips then you'll give yourself the best chance of getting a top Advanced Higher grade! So come to class with the right attitude, regularly practise the key skills and soak in whatever your teacher is explaining that day. But make sure you are revising at home too (at least an hour a week devoted to Maths), using the excellent resources recommended below.

Be prepared

It's helpful to have everything you need ready for when you sit down to study. We can provide you with a jotter or printed materials if internet access is a problem. Have your formula sheet ready (you want to be familiar with what's on it), your scientific calculator, your notes jotter and make sure you get rid of any distractions- especially your mobile phone!

Calculator

Try to avoid using your calculator for most questions. You don't want to rely on it too much- those basic numeracy skills and exact values will be needed in Paper 1. But do make sure you know how to use your scientific calculator. Stuff like trig buttons, the fractions, NcR, scientific notation work differently on different calculators so get to know and love your own calculator!

Dates to remember

You'll want to be ready for some key assessments.

Nov/Dec: The MAP process will help sharpen your focus on key skills- there will be preparation sheets each week in the lead up to each MAP assessment and the December prelim. Prelims will form part of the backup if you're unavailable to sit your final exams due to illness, for example.

March 2023: Another prelim (probably conducted in class) with complete course coverage.

4th May 2023: The final SQA exam (one hour non-calculator exam and a two hour calculator one).

Note: there is no coursework for Maths so your grade is based all on this!

Everything you'll need (pretty much)

There's no shortcuts to success in Maths- to improve in Maths, you need to practise Maths!

Rather than work on mindmaps or flash cards (ideal for other subjects) we'd recommend you spend LOTS of time working through questions, honing your skills and practising problems.

Perhaps it will be the core skills booklets or MAP preparation materials but here are some brilliant resources we'd highly recommend:

<https://ahmaths.com/> An incredibly helpful site, created by a former AH student. Sign up for free and it will keep track of each question you do. Includes SQA marking schemes and video solutions.

<https://tinyurl.com/freeAHmaths> loads of Advanced Higher resources (your teacher will direct you to the relevant sections).

www.tinyurl.com/dlbmaths watch all the solutions to every Advanced Higher Maths past paper Remember that www.wolframalpha.com/ and www.desmos.com/ are worth using too.