

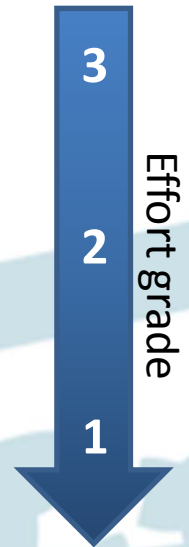


Independent Learning in Core Maths



After each lesson, in addition to completing any set work, a pro-active, independent learner would...

- Ensure that notes are completed.
- Look to find relevant examples of the mathematics in the media (either online or in paper form).
- Make a list of concepts not fully understood to discuss with a peer, a parent or sibling or a teacher *before* the next lesson.
- Try to summarise the content of the lesson in note or diagrammatic format to diagnose lack of understanding.
- Practise a related exercise from their Core Maths textbook.
- Match the content of the specification against lesson notes/content to ensure that all points are covered (e.g. RAG rate specification bullet points).
- Read an old MEI C4 comprehension paper, or some other mathematically related article, and try to predict a set of questions from it.
- Seek out additional sources of questions on areas of weakness. For important pieces of work, diagnose mistakes as active mistakes, slip-ups and blackouts.



Resources to help you study

Most key resources, such as the specification for your course, data sheet, past papers, etc. can be found in Handouts\Core Maths. Some additional resources to help you are as follows:

Resource	Description
Edexcel textbook	The textbook is particularly useful for you to use in the run up to your examination when you have learnt the techniques and need practice – after all, it has been written by the same people who have written your exam!
https://www.stem.org.uk/resources/collection/4286/core-maths	The STEM website currently hosts the resources that were originally produced for the Core Maths Support Programme. Many of these are useful for you to work through on your own.
https://integralthmaths.org/	The Integral site is likely to host the resources from the STEM website in the next year. You will need a login from your teacher.
https://nrich.maths.org/public/search.php?search=core+maths	The nrich website has an increasing number of interesting core maths problems.
https://app.mymaths.co.uk/myportal/library/30/371	Although mymaths hasn't got core maths specific tasks, much of the A level statistics syllabus overlaps the core maths syllabus and is therefore relevant.
http://quibans.blogspot.co.uk/	A fantastic site with ideas and articles of news stories that have a mathematical aspect to them.