

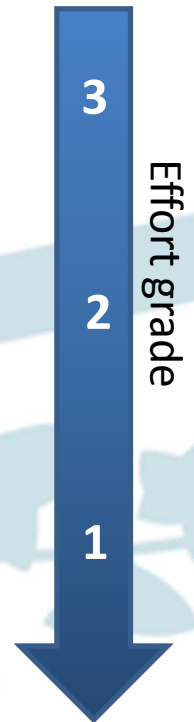
Independent Learning in A Level Maths and Further Maths



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

...put simply, do some maths! Practice is everything in maths – keep up rather than catch up. More specifically, they would:

- Ensure that notes are completed and loose sheets/homework tasks, etc. are filed suitably in a folder.
- Make a list of things not fully understood and discuss with a peer or a teacher before the next lesson .
- Make use of lunchtime support sessions, remembering to bring along pre-prepared questions.
- Try to summarise the content of the lesson in note or diagrammatic format to diagnose lack of understanding.
- Try to commit factual information to memory immediately, rather than leaving it until revision.
- Read the relevant textbook chapter/Integral notes and annotate lesson notes with additional, relevant content.
- Maintain a list of learning points from reviewed/marked work and regularly review this list.
- Seek out additional sources of questions on areas of weakness or where mistakes were made in classwork, homework or a test. For important pieces of work, diagnose mistakes as active mistakes, slip-ups and blackouts.
- Match the content of the specification against lesson notes/content to ensure that all points are covered.



Resources to help you study

Most key resources, such as the specification for your course, data sheet, past papers, etc. can be found on Integral (<https://integralmaths.org/>). Other resources include:

Resource	Description
Integral Maths https://integralmaths.org/	Packed with Examples, study guides and walkthroughs.
MyMaths	Great to catch up and remind yourself of those GCSE topics you haven't covered for a while that are now assumed knowledge.
MathsWatch	Great to catch up and remind yourself of those GCSE topics you haven't covered for a while that are now assumed knowledge.
CGP Revision Guide	Does what it says! Other revision guides are available, too – ask you teacher for advice.

Stretch yourself

UKMT Senior Challenge Question papers are readily available.