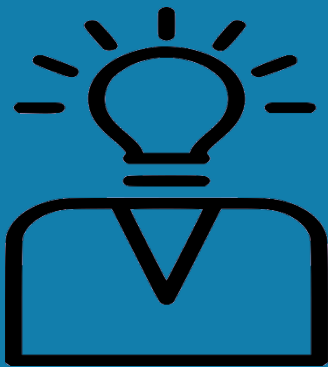


Independent Learning Guide



Maths and Further Maths

You should be working for a minimum of **three-hours per week** per subject for independent work beyond what is set in lesson time.

Below is a list of suggested activities:

Ensure notes are completed and filed/stored suitably in a folder or book.
(continue to add with subject specific tasks)

- Ensure your notes are up to date – in cases where you may have missed a lesson, ask the teacher what was covered so you can make notes from the textbook.
- Regularly review chapters from the textbook – there are review exercises at the end of each chapter so ensure you can answer these questions.
- Can you remember the equations and identities you will need for the exam – without knowing these you will miss out on being able to access valuable marks.
- Are you practicing often? If you don't use it, you'll lose it! So make sure so remind yourself of topics regularly.
- Are you regularly completing homework? If it is too difficult you must make sure you ask your teacher for support.
- Are you dedicating self study time at home? It won't be enough to simply come to lesson each week – you will need to be studying in your own time.
- How are you structuring your revision? Suggested ideas include revision cards, watching videos, practicing past papers, and explaining topics to others.
- Challenge yourself – if there is a topic you don't like as its hard, make it a target to master it.
- Read ahead from the textbook – this will mean you arrive to lesson with the best possible chance of understanding the material

Use the following resources to support your independent study:

Desmos.com – this will draw for you complex polynomials – great for seeing how curves look and where lines cross.

<https://www.physicsandmathstutor.com/a-level-maths-papers/> a great resource for past papers – mark schemes are included!

Textbooks – you all have them- try the review exercises and practice papers.

