

Independent Study

In Mathematical Studies you should...



- 1. After each lesson review your lesson notes paying particular attention to worked examples, making note of any areas of concern or questions you may have so that you can ask me next lesson. Locate and read the relevant chapter of your text book. Add anything that is missing or any interesting facts that you have not copied down. Complete any questions that were covered in class that you did not complete and complete any homework questions that were set.**
- 2. Weekly. Review the weeks work and ensure that you can still do the questions we were doing at the beginning of the week and throughout the week (we may have covered several different questions types or topics in a week). If there are areas of concern come to the lesson with questions that you have. Ensure you have completed all homework questions and assignments set.**
- 3. Fortnightly. This is a good time to take stock of how you think the topic has gone for you. Review the entire topic, note down any areas that you are still unsure of, be specific with the things you don't understand and come to the lesson with a list of questions.**

Review any assignments or home works you have had marked (or that you have self-marked) and returned to you, ensure you could now correct any mistakes by redoing any questions you found challenging (this is good practice even if we have gone through the question in class)

There may have been a test during the fortnight (this may have been on a previous topic), review the test questions and any feedback you have received (including questions that have been gone through in class), redo any questions you found challenging, again note down any questions or areas of concern you still have and bring your questions to the next lesson.

You should use MyMaths to help on any topic you have found difficult the text book references each topic to a MyMaths lesson.
- 4. Termly Follow a MOOC course on maths in the real world and Financial calculations**
<https://www.unifrog.org/student/moocs/longlist>
Go back to a previous topic covered in this term and challenge yourself to do a question from the chapter in your text book (even if you have done it before!)
- 5. Throughout the year**

It is vital that you tackle issues that you find difficult straight away, you must ask questions at the time in class or at the end of the class, use your text books and re read your notes on a regular basis to help you. Even if it is few weeks after a topic has been taught – you can ask and clear a problem up quickly. Your understanding of more complex topics later in the syllabus is dependant on a good understanding of earlier topics.

There are many excellent worked examples in your text book and many great questions- use them.

There will be plenty of exam questions given to you as we go through course these are vital to your success.

Useful websites include

<https://login.mymaths.co.uk/login>
<https://amsp.org.uk/teachers/core-maths/resources/>
<https://www.youtube.com/watch?v=6EmjxNugASU>
<https://amsp.org.uk/students/studying-core-maths/resources/>
<https://www.bbc.co.uk/bitesize/levels/z98jmp3>
<http://www.mrbartonmaths.com/students/gcse/>

All GCSE resource is applicable plus some specific maths studies topics