

## Suggested A-Level & Further Mathematics Independent Study

Student Textbooks		
A-Level	Further	<ul style="list-style-type: none"> <li>○ Complete chapter exercises.</li> <li>○ Attempt all EP style questions found in each exercise.</li> <li>○ Attempt each of the mixed exercises at the end of each chapter.</li> <li>○ Complete the 'Review Exercise' 1, 2 and 3.</li> <li>○ When appropriate, complete the 'Exam Style Paper'</li> </ul>
Pure 1	Core 1	
Pure 2	Core 2	
Applied 1	Decision 1	
Applied 2	Further Mechanics 1	
Student Practice Books		
Pure 1 Practice Book Pure 2 Practice Book Applied 1 Practice Book Applied 2 Practice Book		<ul style="list-style-type: none"> <li>○ For fluency, complete the chapter exercises and EP style questions.</li> <li>○ At the end of each chapter, attempt the bronze, silver and gold challenge questions.</li> <li>○ Attempt questions from the 'Exam Questions Bank' found at the end of the book.</li> </ul>
Online		
Teams		Year 13 <ul style="list-style-type: none"> <li>○ Zig Zag Assignment (linked in assignment).</li> <li>○ Exam questions by topic (in files).</li> <li>○ Revision material (in files).</li> </ul> Further <ul style="list-style-type: none"> <li>○ Home studies with answers.</li> <li>○ Selected exam papers.</li> </ul>
MyMaths <a href="https://www.mymaths.co.uk/">https://www.mymaths.co.uk/</a> Student login required		<ul style="list-style-type: none"> <li>○ Review and copy the examples from the video tutorials.</li> <li>○ Complete set tasks found on your schedule.</li> <li>○ Tasks should be re-done if your score is below 70%.</li> </ul>
MathsGenie <a href="http://www.mathsgenie.co.uk">www.mathsgenie.co.uk</a> No login required		<ul style="list-style-type: none"> <li>○ Watch and copy examples from the video tutorials.</li> <li>○ Attempt the exam questions arranged by year and topic.</li> <li>○ Use the student friendly worked solutions to assess your understanding.</li> </ul>
Revisely <a href="http://www.revisely.co.uk">www.revisely.co.uk</a> No login required		<ul style="list-style-type: none"> <li>○ When appropriate, attempt the past papers and use the model solutions to assess your understanding.</li> </ul>
Dr Frost Maths <a href="https://www.dr frostmaths.com/">https://www.dr frostmaths.com/</a> Student login required		<ul style="list-style-type: none"> <li>○ Review the examples from the animated PowerPoint lessons and tutorial videos.</li> <li>○ Complete 'worksheets' set by your teacher.</li> <li>○ Complete exam questions arranged by topic.</li> <li>○ Attempt questions from the collection of past exam papers.</li> </ul>
Physics & Maths Tutor <a href="https://www.physicsandmathstutor.com/">https://www.physicsandmathstutor.com/</a> No login required		<ul style="list-style-type: none"> <li>○ Use the 'Solutions Bank' for the textbook exercise to address misconceptions.</li> <li>○ Attempt 'worksheets' arranged by topic.</li> <li>○ Attempt the 'Cheat Sheets' for each topic.</li> <li>○ Attempt the past papers and use the model solutions to assess your understanding</li> </ul>
Underground Mathematics <a href="http://www.undergroundmathematics.org">www.undergroundmathematics.org</a> No login required		<ul style="list-style-type: none"> <li>○ This platform has a number of rich resources that challenge and stretch.</li> </ul>
Desmos <a href="http://www.desmos.com">www.desmos.com</a> No login required		<ul style="list-style-type: none"> <li>○ This is great tool for graph related work. Bear this in mind when you are studying P Ch 3, P Ch 4, P Ch 9 &amp; P Ch 14 (in year 12) and P Ch 2, P Ch 5, P Ch 6 &amp; P Ch 7 (in year 13).</li> </ul>