

Year 12 A-Level Mathematics Independent Study

Student Textbooks	
Pure 1 Pure 2 Applied 1 Applied 2	<ul style="list-style-type: none"> ○ Complete chapter exercises. ○ Attempt all EP style questions found in each exercise. ○ Attempt each of the mixed exercises at the end of each chapter. ○ Complete the 'Review Exercise' 1, 2 and 3. ○ When appropriate, complete the 'Exam Style Paper'
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"> ○ For fluency, complete the chapter exercises and EP style questions. ○ At the end of each chapter, attempt the bronze, silver and gold challenge questions. ○ Attempt questions from the 'Exam Questions Bank' found at the end of the book.
Online	
UpLearn https://www.uplearn.co.uk Student login required	<ul style="list-style-type: none"> ○ Watch the video tutorials. As you work through the videos and attempt the questions. Once you feel you have understood the content, complete the summary quiz. ○ Review and copy the examples from the video tutorials. ○ Complete all related tasks. ○ Tasks should be re-done if your score is below 70%.
Dr Frost Maths https://www.dr frostmaths.com/ Student login required	<ul style="list-style-type: none"> ○ You can decide which tasks to complete from the allocated set. A minimum of 15 should be completed each term. ○ Complete 'worksheets' set by your teacher. ○ Complete exam questions arranged by topic. ○ Attempt questions from the collection of past exam papers.
MathsGenie www.mathsgenie.co.uk No login required Revisely www.revisely.co.uk No login required	<ul style="list-style-type: none"> ○ Watch and copy examples from the video tutorials. ○ Attempt the exam questions arranged by year and topic. ○ Use the student friendly worked solutions to assess your understanding. ○ When appropriate, attempt the past papers and use the model solutions to assess your understanding.
Physics & Maths Tutor https://www.physicsandmathstutor.com/ No login required	<ul style="list-style-type: none"> ○ Use the 'Solutions Bank' for the textbook exercise to address misconceptions. ○ Attempt 'worksheets' arranged by topic. ○ Attempt the 'Cheat Sheets' for each topic. ○ Attempt the past papers and use the model solutions to assess your understanding
Underground Mathematics www.undergroundmathematics.org No login required	<ul style="list-style-type: none"> ○ This platform has a number of rich resources that challenge and stretch.
Desmos www.desmos.com No login required	<ul style="list-style-type: none"> ○ 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 & P Ch 14 (in year 12) and P Ch 2, P Ch 5, P Ch 6 & P Ch 7 (in year 13).