



Y13 Learning Journey. Subject: Maths A Level

Exam Requirements: Your A-level in maths is structured, and examined, in the following way:

Paper One:	Paper Two:	Paper Three:
Pure 1, 2 hours, 100 marks. This could assess any content from Y12 and Y13.	Pure 2, 2 hours, 100 marks. This could assess any content from Y12 and Y13.	Statistics and Mechanics, 2 hours, 100 marks. You are advised to spend an hour on each but can divide your time as you see fit.

Overview of the Year:

Week	The focus of your learning or revision this week: Pure teacher	Applied teacher
1	Binomial Expansion – Ch 4	Applied: Y2, Ch 3.1, 3.2 normal distribution
2	Year 12 Revision – Calculus, Differentiation, Integration	Applied: Y2, Ch 3.3 normal distribution
3	Trigonometry – Ch 6.1, 6.2	Applied: Y2, Ch 3.4 3.5 normal distribution
4	Trigonometry – Ch 6.3, 6.4, 6.5	Applied: Y2, Ch 3.6 3.7 normal distribution
5	Differentiation – Ch 9.1	Applied: Y1, Ch7 Hypothesis testing recap
6	Differentiation – Ch 9.2	Applied: Y2, Ch1 Correlation hypothesis testing
7	Differentiation – Ch 9.3	Applied: Stats test
Half Term		
Assessment week 1		
1		
2	Trigonometry – Ch 7.1, 7.2	Applied: Y2, Ch3.7 Hypothesis testing
3	Trigonometry – Ch 7.3, 7.4	Applied: Y2, Ch3.7 Hypothesis testing
4	Trigonometry – Ch 7.5, 7.6, 7.7	Applied: Y2, Ch 4.1, 4.2 moments
5	Functions and Graphs – Ch 2.1, 2.2	Applied: Y2, Ch 4.3, 4.4 moments
6	Functions and Graphs – Ch 2.3, 2.4	Applied: Y2, Ch 5.1, 5.2 forces and friction
7	Functions and Graphs – Ch 2.5, 2.6, 2.7	Applied: Y2, Ch 5.3 forces and friction
8	Differentiation – Ch 9.4, 9.5, 9.6	Applied: Mechanics test
Christmas Break		
1	Parametric Equations – Ch 8.1, 8.2	Applied: Y2, Ch 6.1 6.2 Projectiles
2	Parametric Equations – Ch 8.3, 8.4, 8.5	Applied: Y2, Ch 6.3 Projectiles
3	Differentiation - Ch 9.7, 9.8, 9.9	Applied: Y2, Ch 6.4 Projectiles
4	Numerical – Ch 10	Applied: Probability review
5	Integration – Ch 11.1, 11.2, 11.3, 11.4	Applied: Probability review
Half Term		
1	Integration – Ch 11.5, 11.6, 11.7, 11.8	Applied: Y2, Ch 7.1 Application of forces
2	Integration – Ch 11.9, 11.10, 11.11	Applied: Y2, Ch 7.2 7.3 Application of forces
3	Revision	Revision

4	Assessment week 2	
5	Vectors – Ch 12	Applied: Y2, Ch 7.4 Application of forces
6	Revision	Applied: Y2, Ch 7.5 Application of forces
Easter Break		
1	Revision	Applied: Y2, Further kinematics
2	Revision	Revision
3	Revision	Revision
4	Revision	Revision
5	Provisional start to the A-level Exams	

<p>Exam Practice:</p> <p>You can find past papers to help support your revision and develop your exam technique here:</p> <p>The ‘Solomon’ papers are good practice of exam style questions (although they were made for the old specification)</p> <p>C3 Solomon Papers - PMT (physicsandmathstutor.com)</p> <p>C4 Solomon Papers - PMT (physicsandmathstutor.com)</p>	<p>Revision Materials:</p> <p>We advise that you use the following revision materials:</p> <p>Include links to revision guides, revision checklists, knowledge organisers, skills check etc.</p> <p>Use your textbook to review any topics that you found difficult in lesson, as well as trying questions from the mixed exercises.</p>
<p><u>Glossaries:</u></p> <p>Vocabulary lists to support your revision can be found here:</p> <p>You can find a glossary in the textbook</p>	<p><u>Advice and Guidance for Revision</u></p> <p>Include any other helpful tips, guidance or advice about how to approach revision in your subject here</p> <p>Do exam papers, and check your work against the solutions. Then, make a note of any questions with which you are still struggling and ask your teacher.</p> <p>This sounds like simple advice but is by far the best way to revise maths.</p>