



















Pure Maths AS

Week	Specification Point	Key Points	Pre-Lesson Work	Set Homework	Independent Work Further Questions
1	Straight line graphs		Kenneth Stafford - Qs Gradient of a Line (H) PP	Completion of Exercises 5A, 5B, 5C, 5D	https://www.1stclassmaths.com/files/ugd/9f3fb0_6df06064ba154f4c92e876b9c8b4506e.pdf
2	Straight line graphs – solve length & area problems on coordinate grids. Use straight line graphs to construct mathematical models		https://www.1stclassmaths.com/files/ugd/9f3fb0_0e686d6a41074c86bac5db35356608c4.pdf	Completion of Exercises – 5E, 5F, 5G, 5H & Mixed Ex	<i>Answer and mark textbook questions</i> https://pmt.physicsandmathstutor.com/download/Maths/A-level/Pure/Coordinate-Geometry-1/Edexcel-Set-C/QP/Straight%20Lines%20QP.pdf
3	Circles		https://www.1stclassmaths.com/files/ugd/9f3fb0_3c75005a719d4f5fbfae4e366ad4740b.pdf https://www.1stclassmaths.com/files/ugd/9f3fb0_9da885ca2c7649e4abb205423a906ecc.pdf	Completion of Exercises – 6A, 6B, 6C, 6D, 6E, 6F & Mixed Ex.	<i>Answer and mark textbook questions</i> <i>Exam questions</i> https://pmt.physicsandmathstutor.com/download/Maths/A-level/Pure/Coordinate-Geometry-1/Edexcel-Set-C/QP/Circles%20QP.pdf
4	Algebraic Methods		https://mathsmadeeasy.co.uk/wp-content/uploads/2020/02/Algebraic-fractions-Questions-MME.pdf https://mathsmadeeasy.co.uk/wp-content/uploads/2020/02/Proof-Higher-Questions-MME.pdf	Completion of Exercises – 7A, 7B, 7C, 7D, 7E & Mixed Ex.	<i>Answer and mark textbook questions</i> <i>Exam questions</i> https://www.1stclassmaths.com/files/ugd/9f3fb0_3628c1a4c5c34006a6fa6b5435622336.pdf https://www.1stclassmaths.com/files/ugd/9f3fb0_9e63d9606c544e77a579d6ca02b718fa.pdf
5	Binomial Expansion		https://www.1stclassmaths.com/files/ugd/9f3fb0_b2b51de5922442c689074869eb011a9d.pdf	Completion of Exercises – 8A, 8B, 8C, 8D, 8E & Mixed Ex.	<i>Answer and mark textbook questions</i> <i>Exam questions</i> https://pmt.physicsandmathstutor.com/download/Maths/A-level/Pure/Sequences-and-Series-1/Edexcel-Set-C/QP/Binomial%20Expansion%20QP.pdf
6	Trigonometric Ratios		https://mathsmadeeasy.co.uk/wp-content/uploads/2020/02/Sine-Rule-Questions-MME.pdf https://mathsmadeeasy.co.uk/wp-content/uploads/2020/02/Cosine-Rule-Questions-MME.pdf	Completion of Exercises – 9A, 9B, 9C, 9D, 9E, 9F, 9G & Mixed Ex.	<i>Answer and mark textbook questions</i> <i>Exam questions</i> https://pmt.physicsandmathstutor.com/download/Maths/A-level/Pure/Trigonometry-1/Edexcel-Set-C/QP/Sine%20and%20Cosine%20Rule%20QP.pdf
7	Trigonometric Identities & Equations		https://www.1stclassmaths.com/files/ugd/9f3fb0_da00500bb1249a1a25900c05295cc44.pdf	Completion of Exercises – 10A, 10B, 10C, 10D, 10E, 10F & Mixed Ex.	<i>Answer and mark textbook questions & Exam questions</i> https://pmt.physicsandmathstutor.com/download/Maths/A-level/Pure/Trigonometry-1/Edexcel-Set-C/QP/Trigonometric%20Identities%20QP.pdf https://pmt.physicsandmathstutor.com/download/Maths/A-level/Pure/Trigonometry-1/Edexcel-Set-C/QP/Trigonometric%20Equations%20QP.pdf

Week	Specification Point	Key Points	Pre-Lesson Work	Set Homework	Independent Work Further Questions
1	Forces and Motion		https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-C/QP/Kinematics%20-%20by%20Graphical%20Methods%20QP.pdf	Ex 10A, 10B	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-C/QP/Kinematics%20-%20Uniform%20Acceleration%20Formulae%20QP.pdf
2	Forces and Motion		Chapter 9	Ex 10C, 10D	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-C/QP/Kinematics%20-%20Uniform%20Acceleration%20Formulae%20QP.pdf
3	Forces and Motion		Chapter 9	Ex. 10E, 10F & Mixed Ex	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-C/QP/Kinematics%20-%20Uniform%20Acceleration%20Formulae%20QP.pdf
4	Variable Acceleration		https://www.1stclassmaths.com/files/ugd/9f3fb0_e2d75b34930642e5950186309c7a2b15.pdf	EX 11A, 11B	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-B/Kinematics%20-%20Problems%20in%20Calculus.pdf
5	Variable Acceleration		https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-B/Kinematics%20-%20Uniform%20Acceleration%20Formulae.pdf	EX 11C, 11D	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-B/Kinematics%20-%20Problems%20in%20Calculus.pdf
6	Variable Acceleration		https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-B/Kinematics%20-%20Uniform%20Acceleration%20Formulae.pdf	EX 11E & Mixed Ex.	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Mechanics/Kinematics-1/Edexcel-Set-B/Kinematics%20-%20Problems%20in%20Calculus.pdf

STATISTICS AS

Week	Specification Point	Key Points	Pre-Lesson Work	Set Homework	Independent Work Further Questions
1	Representation of Data		https://www.1stclassmaths.com/files/ugd/9f3fb0_ab50ca41ffda443eb13fb37e01e39d94.pdf https://www.1stclassmaths.com/files/ugd/9f3fb0_89dc24338c9c4aadb161772321a3d152.pdf	EX3A, 3B	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Statistics/Data-Presentation-and-Interpretation-1/Cheat-Sheets-Edexcel/Ch.3%20Representations%20of%20Data.pdf
2	Representation of Data	Same QR code as above	https://www.1stclassmaths.com/files/ugd/9f3fb0_ab50ca41ffda443eb13fb37e01e39d94.pdf https://www.1stclassmaths.com/files/ugd/9f3fb0_89dc24338c9c4aadb161772321a3d152.pdf	EX3C, 3D	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Statistics/Data-Presentation-and-Interpretation-1/Edexcel-Set-A/Representation%20and%20summary%20data.pdf
3	Representation of Data	Same QR code as above	Same as above	EX 3E & Mixed Ex	Same as above
4	Correlation		https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-4-gcse-maths-topics/scatter-graphs/questions-scatter-graphs-past-paper-questions	EX 4A, 4B & Mixed Ex	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Statistics/Data-Presentation-and-Interpretation-1/Cheat-Sheets-Edexcel/Ch.4%20Correlation.pdf
5	Probability		https://www.1stclassmaths.com/files/ugd/9f3fb0_3b0fba456aab4b92b76e50032f8b65a8.pdf	EX 5A, 5B	https://pmt.physicsandmathstutor.com/download/Maths/A-level/Statistics/Probability-1/Edexcel-Set-B/Probability.pdf
6	Probability	Same QR code as above	Same as above	EX 5C, 5D & Mixed Ex	Same as above

Year 12



Topic Studied

Week	Specification Point	Key Questions	Pre-Lesson Work	Set Homework	Independent Work Further Reading
1					
2					
3					
4					
5					
6					

Year 12

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Topic Studied

Week	Specification Point	Key Questions	Pre-Lesson Work	Set Homework	Independent Work Further Reading
1					
2					
3					
4					
5					
6					

Year 12

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1

Topic Studied

Week	Specification Point	Key Questions	Pre-Lesson Work	Set Homework	Independent Work Further Reading
1					
2					
3					
4					
5					
6					

Year 12

S

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M

M

E

R

2

Topic Studied

Week	Specification Point	Key Questions	Pre-Lesson Work	Set Homework	Independent Work Further Reading
1					
2					
3					
4					
5					
6					