## **Revision and Resources – A Level Mathematics**

Component	Course Title	A Level Mathem	atics					
Component	Exam Board							
Component	Specification	https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/specif						
Assessment    Assessment	•							
Accordance   Component   Component   Accordance   Accor	Assassment							
Mathematics  Mathematics  Paper 2: Pure Multi-mardiac 2 Poper 3: Statistics and Mochanics  Paper 3: Statistics and Mochanics  In-class tests: Termly tests Mocks exams: Year 12 (June) and Year 13 (January) There will be continuous setting of assignments and mini tests.  Revision Checklist  Pure Maths  Revision Checklist  Pure Maths  Pure Maths  Ver 12 Pure math Ver 12 Pure math Indicas and savids Solving guads and discriminant exposition discriminant exposition Tigg roles and gradis Tigg relation and gradifice and gradis Tigg relation and gradia tigg tigg tigg tigg tigg tigg tigg ti	Assessment	Qualification	Component	Over	view	Assessme	nt	
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Motheratics   Incorporates AS content.			— ·		• •	2 hours		
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Revision Checklist  Pure Maths  Pure Maths    Pure Maths   Pure maths   Pear 13 Pure maths   Partial fractions and proof   Soling quads and   Soling quads and   Soling quads and   Giscriminant   Soling simultaneous egns   Sequence and series   Girghs and   Girghs a	Key Dates		•	nd Veal	r 13 (January)			
Pure Maths   Pure Maths   Part 12 Pure maths   Modulus functions and proof solving quads and discriminant   Modulus functions   Solving imulatineous equips   and inequalities   Graphs and discriminant   Modulus functions   Sequence and series   Graphs and inequalities   Graphs and transformations   Straight line geometry   Grape geometry   Grape geometry   Factor theorem and proof.   Binomial expansion   Binomial expansion   Binomial expansion   Trig: reciprocal functions   Trig: defittities and solving   Trig: reciprocal functions   Trig: defittities and solving   Trig: reciprocal functions   Trig: reciprocal functions   Trig: reciprocal functions   Trig: reciprocal functions   Parametric equips   Parametric equips   Differentiation   Differentiation   Integration   Integration   Integration   Exponential and graphs   3-D vectors    Formula   book   https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/specification-and-sample-assesment/Pearson Edexcel A Level GCE in Mathematics Formulae Book.pdf    The large   https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/specification-and-sample-assesment/Pearson%20Edexcel%20GCE%20AS%20and%20AL%20Mathematics%20data%20   set%20-%20Issue%201%20(1).xls    Past Papers   https://www.mathsgenie.co.uk/newalevel.html   https://examqa.com/a-level-maths-past-papers/						mini tests		
Pure Matths    Vear 12 Pure maths   Year 13 Pure maths   Indices and surds   Partial fractions and proof solving quads and discriminant   Modulus functions   Solving simultaneous egns   and inequalities   Sequence and series   Graphs and   transformations   straight line geometry   Circle geometry   Eactor theorem and proof.   Binomial expansion   Trig: redeficition rule & Probability   Presenting data   Normal distribution   Correlation   Moments   Probability   Presenting data   Normal distribution   Probability   Presenting data   Normal distribution   Correlation   Moments   Moments   Probability   Presenting data   Normal distribution   Probability   Presenting data   Probability	Revision	THERE WIII BE COI	itiliaous settili	g 01 a3.	significants and	min tests.		
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Itage data set   Correlation & testing		Indices and surds Partial fractions and proof						1
and inequalities			Modulus function	ns				
Graphs and transformations   Straight line geometry   Circle geometry   Factor theorem and proof.   Binomial expansion   Binomial expansion   Binomial expansion   Binomial expansion   Radian: area of sector   Trig: rules and graphs   Segment & small angle   Trig: identities and solving   Probability   Force and friction   Probability   Force and friction   Binomial expansion   Binomial expansion   Trig: rules and graphs   Segment & small angle   Trig: identities and solving   Projectiles   Hypothesis testing   Modelling, Mechanics   Vit graphs and suvait   Forces and motion   Vit graphs and suvait   Forces and motion   Vit graphs and suvait   Forces and motion   Variable acceleration   Vit graphs and suvait   Forces and motion   Variable acceleration   Variable		_		rios			_	-
straight line geometry circle geometry circle geometry Factor theorem and proof. Binomial expansion Binomial distribution Projectiles Hypothesis testing Application of forces Modelling: Mechanics Vol graphs and suvat  formulae Forces and motion Variable acceleration  Variable acceleration  Variable acceleration  Formula book  https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/specification-and-sample- assesment/Pearson Edexcel A Level GCE in Mathematics Formulae Book.pdf  https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/specification-and-sample- assesment/Pearson%20Edexcel%20GCE%20AS%20and%20AL%20Mathematics%20data%20 set%20-%20Issue%201%20(1).xls  Past Papers  https://www.mathsgenie.co.uk/newalevel.html https://examqa.com/a-level-maths-past-papers/  Online Resources  Correlation Moments Probability Force and friction Binomial distribution Projectiles Hypothesis testing Application of forces Modelling: Acchanics Variable acceleration Variable acceleration Variable acceleration  Variable acceleration  Variable acceleration  Variable acceleration  Nodeling: Mchanics Variable acceleration Variable acceleration  Variable acceleration  Variable acceleration  Forces and motion  Variable acceleration  Variable acceleration  Variable acceleration  Variable acceleration  Variable acceleration  Nodeling: Acceleration  Forces and motion  Line acceleration  Application of forces  Modeling: Acceleration  Hypothesis testing Application of proces  Application of forces  Hypothesis testing Application of proces  Hother acceleration  Hypothesis testing Application of proces  Application of proces  Hypothesis testing Application of proces  Hypothesis testing Application of proces  Hypothesis te		Graphs and	Sequence and se	1163	1			
Probability   Force and friction   Binomial expansion   Radian: area of sector   Trig: rules and graphs   Segment & small angle   Trig: identities and solving   eqns   Trig: reciprocal functions   Trig: Addition rule & modelling   Parametric eqns   Differentiation   Differentiation   Integration   Exponential and graphs   3-0 vectors						_		
Formula book   Integration   Exponential and graphs   Exponential and								
Binomial expansion Trig: rules and graphs Segment & small angle Trig: identities and solving eqns Uvectors Differentiation Integration Exponential and graphs Dook  Formula book  The large data set  Hypothesis testing Application of forces Modelling-Mechanics Variable acceleration Vt graphs and suvat  formulae Forces and motion Variable acceleration		Factor theorem and pro	of.			<u>'</u>		•
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eqns			segment & small					
Vectors   Trig: Addition rule & modelling   Parametric eqns		I -		unctions				
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Differentiation   Integration   Integration   Exponential and graphs   3-D vectors		Vectors						
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