

Overview:

Subject: Mathematics

Year: 12

Key Content:

Pure content:

- 1. Algebra and functions
- 2. Coordinate geometry in the (x, y) plane
- 3. Further algebra
- 4. Trigonometry
- 5. Vectors
- 6. Differentiation
- 7. Integration
- 8. Exponentials and logarithms
- 9. Proof (A-Level)
- 10. Algebraic and partial fractions (A-Level)

Statistics content:

- 1. Statistical sampling
- 2. Data presentation and interpretation
- 3. Probability
- 4. Statistical distributions
- 5. Statistical hypothesis testing
- 6. Regression and correlation (A-Level)

Mechanics content:

- 1. Quantities and units in mechanics
- 2. Kinematics
- 3. Forces and Newton's laws
- 4. Kinematics 2
- 5. Moments (A-Level)

Assessment Objectives:

OT1.1 Construct and present mathematical arguments through appropriate use of diagrams; sketching graphs; logical deduction; precise statements involving correct use of symbols and connecting language, including: constant, coefficient, expression, equation, function, identity, index, term, variable.

OT1.2 Understand and use mathematical language and syntax as set out in the content.

OT1.3 Understand and use language and symbols associated with set theory, as set out in the content. Apply to solutions of inequalities and probability.

OT1.4 Understand and use the definition of a function; domain and range of functions.

OT1.5 Comprehend and critique mathematical arguments, proofs and justifications of methods and formulae, including those relating to applications of mathematics

OT2.1 Recognise the underlying mathematical structure in a situation and simplify and abstract appropriately to enable problems to be solved.

OT2.2 Construct extended arguments to solve problems presented in an unstructured form, including problems in context.

OT2.3 Interpret and communicate solutions in the context of the original problem.



OT2.4 Understand that many mathematical problems cannot be solved analytically, but mumerical methods permit solution to a required level of accuracy.

OT2.5 Evaluate, including by making reasoned estimates, the accuracy or limitations of solutions, including those obtained using numerical methods.

OT2.6 Understand the concept of a mathematical problem-solving cycle, including specifying the problem, collecting information, processing and representing information and interpreting results, which may identify the need to repeat the cycle.

OT2.7 Understand, interpret and extract information from diagrams and construct mathematical diagrams to solve problems, including in mechanics.

OT3.1 Translate a situation in context into a mathematical model, making simplifying assumptions. **OT3.2** Use a mathematical model with suitable inputs to engage with and explore situations (for a given model or a model constructed or selected by the student).

OT3.3 Interpret the outputs of a mathematical model in the context of the original situation (for a given model or a model constructed or selected by the student).

OT3.4 Understand that a mathematical model can be refined by considering its outputs and simplifying assumptions; evaluate whether the model is appropriate.

OT3.5 Understand and use modelling assumptions

Key Assessment Points:

- Baseline Assessment at beginning of year covering prerequisite knowledge
- Assessment at the end of Term 1 covering Pure 1-3, Statistics 1-2, Mechanics 1-2
- Assessment at the end of Term 2 covering Pure 1-7, Statistics 1-5, Mechanics 1-2
- Assessment at the end of Term 3 covering all AS-Level content

Christian Ethos:

A Christian ethos will be promoted in Maths lessons by encouraging a sense of wonder in the natural world and a respect for all of God's creation. Students will treat each other with mutual respect and learn to work together through group and practical activities, and consider Christian views on ethical issues discussed. The incorporation of real-life skills and a large emphasis on problem solving will also encourage a wider scope on the natural world and further develop students' sense of wonder.

British Values:

- Individual liberty in the sense of being able to develop and express one's own views, tolerance and mutual respect for one another's views is taught through the topics in which different views and/or ethics are involved.
- **The rule of law** is addressed in units of work covering statistical applications, through students understanding the need for following classroom rules.
- **Democracy** is taught through student debates when reasoning mathematically and explaining proofs.
- Group activities in Maths require students to engage in **team work** and show **mutual respect** for each other.



Long Term Plan:

Subject: Mathematics Year: 1 Pure

Year: 1		Pure	Statistics	Mechanics		
Week	Weekly	Key Topics /Learning Intentions and/or Key Questions				
	Plan	Tea	cher 1 (3-hour teacher)	Teacher 2 (2-hour teacher)		
1	5 th Sept	1 – Baseline As	sessment	1 – Solving quadratics (19-22)		
		2 – Index Laws, 3 – Indices & Su	Expanding, Factorising (2-9) Irds (9-14)	2 – Completing the square (22-24)		
2	12 th Sept	1 – Functions (2	5-27)	1 – Modelling with guadratics (32-35)		
		2 – Quadratic g 3 – Discriminant	graphs (27-30) (30-32)	2 – Linear simultaneous equations (39-40)		
3	19 th Sept	1 – Quadratic s	imultaneous equations (41-42)	1 – Quadratic inequalities (48-51)		
		2 – Graphical s 3 – Linear inequ	imultaneous equations (42-45) valities (46-48)	2 – Inequalities on graphs (51-53)		
4	26 th Sept	1 – Regions (53	-55)	1 – Points of intersection (68-70)		
		2 – Cubic & qua 3 – Reciprocal a	artic graphs (60-66) graphs (66-67)	2 - Translating graphs (71-74)		
5	3 rd Oct	1 – Stretching a	raphs (75-78)	1 – Population and sampling (2-7)		
		2 – Transformin 3 – Pure Review	g functions (79-81)	2 – Non-random sampling & types of data (7-10)		
6	10 th Oct	1 – Measures of	f central tendency (21-25)	1 – Variance and standard deviation (30-33)		
		2 – Other meas 3 – Measures of	ures of location (25-28) f spread (28-29)	2 – Coding (33-36)		
7	17th Oct	1 – Outliers (41	-43)	1 – Histograms (48-52)		
		2 – Box Plots (4	3-45)	2 – Comparing data (53-54)		
		3 – Cumulative	frequency (46-48)			
			HALF TERM	•		
8	31st Oct	1 - y = mx + c (90-93)	1 – Length and area with straight lines (100-103)		
		2 – Equations of 3 – Parallel and	f straight lines (93-96) I perpendicular lines (97-100)	2 – Pure 1-4 Assessment		
9	7 th Nov	1 – Assessment	Review Lesson	1 – Equation of a circle (117-120)		
		2 – Modelling w 3 – Midpoints a	vith straight lines (103-108) nd perp. bisectors (114-117)	2 – Intersections of lines and circles (121-122)		
10	14 th Nov	1 – Using tange	nt & chord properties (123-128)	1 – Simplifying algebraic fractions (138-139)		
		2 – Circles and 2 – Lines and G	triangles (128-132) raphs review lesson	2 — Dividing polynomials (139-142)		
11	21st Nov	1 – The factor t	heorem (143-146)	1 – Pascal's triangle & factorial notation (159-163)		
		2 – Mathematic	al proof (146-150)	2 – Algebraic Methods review lesson		
		3 – Methods of	proof (150-153)			
12	28 th Nov	1 – The binomic	Il expansion (163-164)	1 – Models & assumptions (119-122)		
		2 – Solving bind	omial problems (165-167)	2 – Quantities and units (122-124)		
		3 – Binomial est	imation (167-169)			
13	5 th Dec	1 – Working wi	th vectors (125-127)	1&2 – Constant acceleration formulae (137-146)		
		2 – Displacemer	nt-time graphs (131-133)			
		3 – Velocity-tim	e graphs (133-136)			
14	12 th Dec	Vertical motion	under gravity (146-152)	ASSESSMENTS		
1.5	Ord 1	1				
15	2 ^{na} Jan	I – The cosine r	ule (1/4-1/9)	I – Solving triangle problems (187-191)		
		2 - ine sine rule	e (1/Y-100) marles (195-197)	2 - Graphing of sine, cosine and fangent (192-194)		
14	Oth Lava	3 - Area of frid	nigies (100-107)	1 Trigonometric identities (200, 212)		
10	JOU	$2 - \Delta rates in al$	g mgonomenic graphs (194-196) I four quadrants (204-208)	2 - Simple trigonometric equations (213, 216)		
		3 – Values of tr	igonometric ratios (208-209)			



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			A/TH • PP
17	16 th Jan	1 – Harder trigonometric equations (217-219)	1 – Introduction to vectors (231-235)
		2 – Equations and identities (219-222)	2 – Representing vectors (235-238)
		3 – Pure Review	
18	23 rd Jan	1 – Magnitude and direction (239-242)	1&2 – Modelling with vectors (248-251)
		2 – Position vectors (242-244)	
		3 – Solving geometric problems (244-247)	
19	30 th Jan	1 – Correlation (60-62)	1 – Venn diggrams (72-75)
		2 – Linear regression (63-67)	2 – Mutually exclusivity & independence (75-78)
		3 - Calculating probabilities (70-72)	
20	7th Feb	1 - Tree diagrams(78-80)	1&2 - Cumulative probabilities (91-94)
	,	2 - Probability distributions (84-88)	
		3 - The binomial distribution (88-91)	
		HALF TERM	
21	21st Feb	1 – Gradients of curves (256-259)	1 – Differentiating two or more terms (264-268)
	2	2 - Einding the derivative (259-262)	2 - Gradients tangents and normal (268-270)
		$3 = \text{Differentiating } x^n (262-264)$	
22	28th Eeb	$1 = \ln \operatorname{creasing} \frac{1}{2} + $	1 - Sketching gradient functions (277-278)
~~~	20 165	2 = Second order derivatives  (271-272)	2 - Modelling with differentiation (279-281)
		3 = Stationary points (273, 276)	2 – Modening with differentiation (277-201)
22	7th Mar	$\frac{1}{1} = \frac{1}{1} $	1 Definite integrals (295, 297)
25	7 ··· /wu	1 -  integrating x if (200-270)	$\frac{1}{2} = \frac{1}{2} $
		2 = Findermite integrals(270-273) 3 = Finding functions(203, 205)	z = Ared bilder corves(z 77 - 300)
24	1 4th AA arr	3 - 1 inding functions (273-273)	1 Hypethesis testing (00, 101)
24	14" Mar	1 - Ared under the x-axis (300-302)	2 Einding critical values (101, 105)
		2x3y – Ared between curves and lines (302-300)	2 – Finding critical values (101-105)
25		1 One tailed tests (105, 107)	18.2 Jarge Data Set
25	21 ^{sr} ///dr	1 - One-falled fests(103-107)	T&Z – Large Dala Ser
26	29th Mar		ESSMENTS
70	20  /Mul	A33	EJJINEINI J
27	19th Apr	EASTER HOLIDAYS	1 Loggrithms (210, 221)
27	18 th Apr	EASTER HOLIDAYS	1 – Logarithms (319-321) 2 – Lowe of Logarithms (221, 224)
27	18 th Apr	EASTER HOLIDAYS 1 – Exponential functions (312-314) 2 – y=e ^A x (314-317) 2 – Exponential modelling (217, 219)	1 – Logarithms (319-321) 2 – Laws of logarithms (321-324)
27	18th Apr	EASTER HOLIDAYS 1 – Exponential functions (312-314) 2 – $y=e^{A}x$ (314-317) 3 – Exponential modelling (317-319) 1 – Sching using languidance (224-225)	1 - Logarithms (319-321) 2 - Laws of logarithms (321-324)
27	18 th Apr 25 th Apr	EASTER HOLIDAYS1 - Exponential functions (312-314) $2 - \gamma = e^{\Lambda}x$ (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with metabolic filters (224, 228)	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Runs Particut
27	18 th Apr 25 th Apr	EASTER HOLIDAYS 1 – Exponential functions (312-314) 2 – y=e ^A x (314-317) 3 – Exponential modelling (317-319) 1 – Solving using logarithms (324-325) 2 – Working with natural logarithms (326-328) 3 – Logarithms and not line or line or line of the (228-222)	1 – Logarithms (319-321)         2 – Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 – Pure Review
27	18 th Apr 25 th Apr	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Exponential modelling (157-150)	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         120 - Attrinuit 20 linear in (11(4-11(0)))
27 28 29	18 th Apr 25 th Apr 2 nd May	EASTER HOLIDAYS 1 – Exponential functions (312-314) 2 – y=e ^A x (314-317) 3 – Exponential modelling (317-319) 1 – Solving using logarithms (324-325) 2 – Working with natural logarithms (326-328) 3 – Logarithms and non-linear data I (328-333) 1 – Force diagrams (157-159) 2 – Force diagrams (157-159)	1 – Logarithms (319-321)         2 – Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 – Pure Review         1&2 – Motion in 2 dimensions (166-169)
27 28 29	18 th Apr 25 th Apr 2 nd May	EASTER HOLIDAYS 1 – Exponential functions (312-314) 2 – y=e ^A x (314-317) 3 – Exponential modelling (317-319) 1 – Solving using logarithms (324-325) 2 – Working with natural logarithms (326-328) 3 – Logarithms and non-linear data I (328-333) 1 – Force diagrams (157-159) 2 – Forces as vectors (160-162) 2 – Forces as vectors (160-162)	1 – Logarithms (319-321)         2 – Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 – Pure Review         1&2 – Motion in 2 dimensions (166-169)
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27 28 29 30	18th Apr 25th Apr 2 nd May 9th May	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)2 - Connected particles (169-172)	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)
27 28 29 30	18th Apr 25th Apr 2 nd May 9th May	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)
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27 28 29 30 31 32 33 34 25	18th Apr           25th Apr           2nd May           9th May           16th May           23rd May           6th June           13th June	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys1 - Maxima and minima problems (186-188)2 - Using integration (188-191)3 - Constant acceleration formulae (191-195)Pure ReviewHALF TERMPure Year 1 Revision	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Mechanics Year 1 Revision
27 28 29 30 31 32 33 34 35 5	18th Apr           25th Apr           2nd May           9th May           16th May           23rd May           6th June           13th June           20th June	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys1 - Maxima and minima problems (186-188)2 - Using integration (188-191)3 - Constant acceleration formulae (191-195)Pure ReviewHALF TERMPure Year 1 RevisionEND-OF-YE/	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Mechanics Year 1 Revision         AR ASSESSMENTS
27 28 29 30 31 31 32 33 34 35 36	18 th Apr 25 th Apr 2 nd May 9 th May 16 th May 23 rd May 6 th June 13 th June 20 th June 20 th June	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys1 - Maxima and minima problems (186-188)2 - Using integration (188-191)3 - Constant acceleration formulae (191-195)Pure ReviewHALF TERMPure Year 1 RevisionPure Year 1 RevisionEND-OF-YE/1 - Proof by contradiction (2-5)	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Mechanics Year 1 Revision         AR ASSESSMENTS         1&2 - Partial fractions (9-11)
27 28 29 30 31 32 33 34 35 36	18th Apr 25th Apr 2nd May 9th May 16th May 23rd May 6th June 23th June 20th June 27th June	EASTER HOLIDAYS 1 – Exponential functions (312-314) 2 – y=e ^A x (314-317) 3 – Exponential modelling (317-319) 1 – Solving using logarithms (324-325) 2 – Working with natural logarithms (326-328) 3 – Logarithms and non-linear data I (328-333) 1 – Force diagrams (157-159) 2 – Forces as vectors (160-162) 3 – Forces and acceleration (162-166) 1 – Connected particles (169-172) 2 – Pulleys (173-177) 3 – Connected particles & pulleys 1 – Maxima and minima problems (186-188) 2 – Using integration (188-191) 3 – Constant acceleration formulae (191-195) Pure Review HALF TERM Pure Year 1 Revision Pure Year 1 Revision Pure Year 1 Revision Pure Year 1 Revision	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Ar ASSESSMENTS         1&2 - Partial fractions (9-11)
27 28 29 30 31 31 32 33 34 35 36 37	18th Apr 25th Apr 25th Apr 2nd May 9th May 16th May 23rd May 23rd May 6th June 23th June 20th June 27th June 27th June 4th July	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys1 - Maxima and minima problems (186-188)2 - Using integration (188-191)3 - Constant acceleration formulae (191-195)Pure ReviewHALF TERMPure Year 1 RevisionPure Year 1 RevisionPure Year 1 RevisionPure Sear 1 RevisionEND-OF-YE/1 - Proof by contradiction (2-5)2&3 - Algebraic fractions (5-8)1 - Repeated factors (12-13)	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Mechanics Year 1 Revision         AR ASSESSMENTS         1&2 - Algebraic Methods review (19-21)
27 28 29 30 31 32 33 34 35 36 37	18th Apr 25th Apr 2nd May 9th May 16th May 23rd May 23rd May 6th June 23th June 20th June 27th June 27th June	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys1 - Maxima and minima problems (186-188)2 - Using integration (188-191)3 - Constant acceleration formulae (191-195)Pure ReviewHALF TERMPure Year 1 RevisionPure Year 1 RevisionPure Year 1 RevisionPure Sear 1 Revision2 - Proof by contradiction (2-5)2&3 - Algebraic fractions (5-8)1 - Repeated factors (12-13)2&3 - Algebraic division (14-18)	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Mechanics Year 1 Revision         AR ASSESSMENTS         1&2 - Algebraic Methods review (19-21)
27 28 29 30 31 31 32 33 34 35 36 37 38	18th Apr           25th Apr           2nd May           9th May           16th May           23rd May           6th June           13th June           20th June           27th June           4th July           11th July	EASTER HOLIDAYS1 - Exponential functions (312-314)2 - y=e^x (314-317)3 - Exponential modelling (317-319)1 - Solving using logarithms (324-325)2 - Working with natural logarithms (326-328)3 - Logarithms and non-linear data I (328-333)1 - Force diagrams (157-159)2 - Forces as vectors (160-162)3 - Forces and acceleration (162-166)1 - Connected particles (169-172)2 - Pulleys (173-177)3 - Connected particles & pulleys1 - Maxima and minima problems (186-188)2 - Using integration (188-191)3 - Constant acceleration formulae (191-195)Pure ReviewHALF TERMPure Year 1 RevisionPure Year 1 RevisionPure Year 1 RevisionPure Sear 1 RevisionPure Year 3 Algebraic fractions (5-8)1 - Repeated factors (12-13)2&3 - Algebraic division (14-18)Pure Assessment Review	1 - Logarithms (319-321)         2 - Laws of logarithms (321-324)         1 - Logarithms and non-linear data II (328-333)         2 - Pure Review         1&2 - Motion in 2 dimensions (166-169)         1 - Functions of time (182-184)         2 - Using differentiation (185-186)         Statistics Review         Mechanics Review         Statistics Year 1 Revision         Mechanics Year 1 Revision         AR ASSESSMENTS         1&2 - Algebraic Methods review (19-21)         Statistics Assessment Review