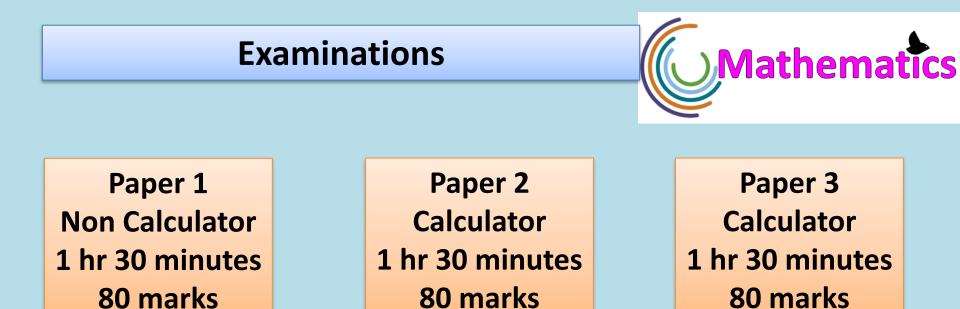


Achieving Excellence through a Values Driven Education



Exam Board: Edexcel Foundation: Grades 1 to 5 Higher: Grades 3 to 9

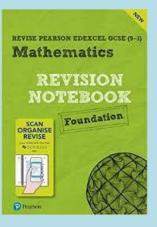


Aim High

Y11 Course Structure

Number Algebra 1 Geometry **Statistics** Ratio **Geometry 2** Algebra 2 Algebra 3 **Statistics 2 Revision (Easter)**

REVISE PEARSON EDEXCEL OCSE (9-1) Mathematics REVISION NOTEBOOK BORGANISE REVISE CONCERNING CONTENTION DESCRIPTION





Expand and Simplify

$$(x - (x + 4)(x - 1))$$

Expand and Simplify $x^2 - (2x - 1)^2$







sparx

Be Determined

Home Learning through Sparx

Past Examination Questions Video instruction / support Key Skills

Additional home learning book. Students must show working. Each homework will be made up of topics previously taught with Sparx also pulling through topics for students to consolidate



Y11 Tests/Assessments



Assessment each half term – GCSE Paper/Questions

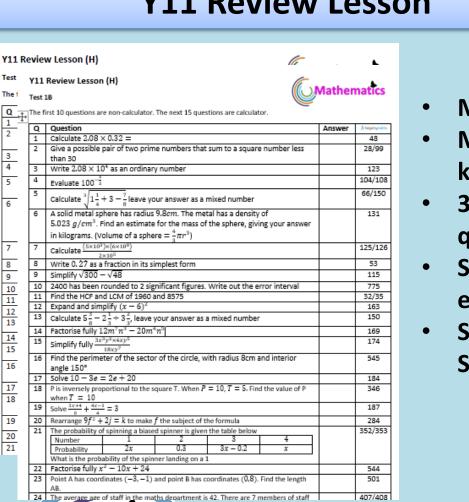
GCSE HIGHER REVISION LIST

Topic	Blue Book	Link to DrFrost Exam Questions	Sparx	\odot	\odot
HCF & LCM using prime factors	1	Factors and primes	U250		
Indices 1 (Multiplying, dividing, power)	2	Indices 1	U235		
Indices 2 (Fractional and negative)	S	Indices 2	U772,U985		
Standard Form - Writing and Calculations	8	Standard form	U161,U264,U290		
Recurring decimals to fractions	9	Recurring decimals	U689		
Simplifying Surds	12	Surds 1a	U338,U633,U872		
Expanding brackets with surds	49	Surds 2a	U499		
Surds - Rationalising the denominator	49	Surds 2b	U707,U281		
Error Intervals	11	Accuracy and error	U301,U587,U657		
Upper & Lower Bounds	10	Upper and lower bounds	U657		
Limits of Accuracy	11	Accuracy and error	U587		
Counting Strategies		Counting strategies	U369		
Expand two or more brackets	17	Expanding brackets	U179, U768, U606		
Solving Linear Equations	19	Linear equations 1	U755, U870		
Applications of Linear Equations	20	Linear equations 2	U325, U505		
Changing the Subject	46	Rearranging formulae	U556		
Factorise & Solve Quadratics	31	Quadratic equations	U228		

S	pa	rx																
Solving single inequalities	Prime factor decomposition	Sharing amounts in a given	Using standard form with ne	Using standard form with po	Multiplying and dividing nur	Angles in polygons	Plotting graphs of quadratic	Plotting graphs of quadratic	Solving quadratic equations	Volume of cuboids, Calcula	Finding averages from grou	Finding the surface area of	Drawing cumulative frequer	Drawing cumulative frequer	Interpreting cumulative freq	Interpreting cumulative freq	Calculating with ratios and i	Converting recurring decima
1.0	1.9																	
	1.0	4.7	1	0.9	1.5	2.6	1.8	1.8	1.5	2.7	2	2.4	0.9	1.3	0.4	0.8	2	2.6
2	2	4.7 5	1	0.9	1.5	3	1.8 2	2	1.5 2	3	2	3	0.9	1.3 2	0.4	0.8 2	2	3
2	-																	
1	2 2 *	5	1	1	2 4c	3 5	2 6a	2 6b	2	3 7 *	3 8 *	3	1	2	1	2	3	3 12
1	2 2 *	5 3	1 4a	1 4b	2 4c	3 5	2 6a	2 6b	2 6c	3 7 * 3	3 8	3 9	1 10a	2 10b	1 10c	2 10d	3 11	3 12
1	2 2 * 2	5 3 * 4 5	1 4a	1 4b	2 4c * 2 0	3 5 * 3 2	2 6a	2 6b	2 6c * 0	3 7 * 3	3 8 * 3	3 9 *	1 10a =	2 10b *	1 10c	2 10d	3 11 * 0	3 12
1	2 2 * 2 2 2	5 3 4 5 5	1 4a *	1 4b *	2 4c * 2	3 5 * 3	2 6a * 2	2 6b * 2	2 6c * 0	3 7 3 3 3	3 8 * 3 3	3 9 * 2	1 10a = 1	2 10b *	1 10c *	2 10d * 0	3 11 * 0	3 12
1	2 2 * 2 2 2	5 3 4 5 5 5	1 4a = 1 0	1 4b * 1	2 4c * 2 0	3 5 * 3 2	2 6a * 2	2 6b * 2	2 6c * 0	3 7 * 3	3 8 * 3	3 9 * 2 2	1 10a = 1	2 10b * 1	1 10c = 1	2 10d # 0	3 11 * 0	3 12
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	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5 3 4 5 5 5 5 2	1 4a 1 1 0 1	1 4b 1 1 1 1	2 4c 7 2 2 2 2 2 2	3 5 3 2 3 1 3 1 3	2 6a 1 2 1 2 1 2 1 2	2 6b 2 1 1 1 1	2 6c 0 2 0 0 0	3 7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 8 * 3 3 3 3 3 3 3 2	3 9 2 2 2 2 2 0 2	1 10a 1 1 1 1 1 0 1 1 1	2 10b 1 1 0 1 0 0	1 10c 1 1 1 1 0 0 0 0	2 10d 0 0 0 0 0 0	3 11 0 0 3 0 0 0 0	3

Be Determined

Y11 Review Lesson





- Mini Assessment occurring every 2 weeks
- Mixture of recently taught material plus key GCSE skills
- 3 Test format Test A/B/C asks the same questions but different numbers.
- Students need to be aiming to improve each test
- Sparx Maths clip numbers for practise / Support



Video support and questions on every maths topic

Students can complete independent learning on Sparx to practice GCSE topics







Be Pro

Started Wed 20th September

- Every Wednesday (3-4pm) Maths Department
- Guided Exam Paper practice. (Different paper each week)
- Walking Talking Mocks in the 4-week run-up to trials
- Mark schemes and predicted grade boundaries available through Teams

