

YEAR 11 MATHS 2020-21 SCHEME OF LEARNING

CLASSES: 11A1 11B1 11B2

W/C	Teaching Week	Lesson 1	Lesson 2	Lesson 3	Lesson 4	
31/08/2020	1					
07/09/2020	2	9.1 Solving quadratic equations 1	9.2 Solving quadratic equations 2	9.3 Completing the square	9.3 Completing the square	
14/09/2020	3	9.4 Solving simple simultaneous equations	9.5 More simultaneous equations	9.6 Solving linear and quadratic simultaneous equations	9.6 Solving linear and quadratic simultaneous equations	
21/09/2020	4	8.2 Reflection and rotation	8.3 Enlargement	8.3 Enlargement	Exam	
28/09/2020	5	8.4 Transformations and combinations of transformations	8.4 Transformations and combinations of transformations	8.8 Loci	8.8 Loci	
05/10/2020	6	Similarity Recap	12.4 More similarity	12.5 Similarity in 3D solids	13.1 Accuracy & Trig Recap	CWA DC1
12/10/2020	7	13.1 Accuracy & Trig Recap	13.2-13.4 Graphs Trig Functions	13.5 Calculating areas and the sine rule	13.5 Calculating areas and the sine rule	Y11 Parents' Evening #1
19/10/2020		HALF TERM				
26/10/2020		HALF TERM				
02/11/2020	8	13.5 Calculating areas and the sine rule	13.6 The cosine rule and 2D trigonometric	13.6 The cosine rule and 2D trigonometric	13.7 Solving problems in 3D	
09/11/2020	9	13.7 Solving problems in 3D	13.7 Solving problems in 3D	13.8 Transforming trigonometric graphs 1	13.9 Transforming trigonometric graphs 2	
16/11/2020	10	14.1 Sampling	14.2 Cumulative frequency	14.2 Cumulative frequency	14.3 Box plots	
23/11/2020	11	14.4 Drawing histograms	14.4 Drawing histograms	14.5 Interpreting histograms	14.5 Interpreting histograms	
30/11/2020		Y11 Finals #1				
07/12/2020		Y11 Finals #1				
14/12/2020	12	14.6 Comparing and describing population	Recurring Decimals to Fractions	Angles in Polygons	Angles in Polygons	
21/12/2020		CHRISTMAS BREAK				
28/12/2020		CHRISTMAS BREAK				
04/01/2021	13	15.1 Solving simultaneous equations graphically	15.1 Solving simultaneous equations graphically	15.3 Graphs of quadratic functions	15.4 Solving quadratic equations graphically	Y11 DC2 + comments
11/01/2021	14	15.4 Solving quadratic equations graphically	15.5 Graphs of cubic functions	Iteration	Iteration	SLT interviews
18/01/2021	15	Circle Theorems	Circle Theorems	Circle Theorems	Circle Theorems	
25/01/2021	16	Circle Theorems	Circle Theorems	Applying Circle Theorems	Applying Circle Theorems	Y11 Parents' Evening #2
01/02/2021	17	Equation of Circle	Tangents to Circle	Perp & Parrell Lines	Problem Solving involving Circles	
08/02/2021	18	17.1 Rearranging formulae	17.1 Rearranging formulae	17.2 Algebraic fractions	17.2 Algebraic fractions	
15/02/2021		HALF TERM				
22/02/2021	19	17.3 Simplifying algebraic fractions	17.3 Simplifying algebraic fractions	17.4 More algebraic fractions	17.4 More algebraic fractions	
01/03/2021	20	17.5 Surds	17.5 Surds	17.6 Solving algebraic fraction equations	17.6 Solving algebraic fraction equations	
08/03/2021	21	17.7 Functions	17.7 Functions	17.7 Functions	17.8 Proof	Y11 DC3
15/03/2021	22	17.8 Proof	18.1 Vectors and vector notation	18.2 Vector arithmetic	18.3 More vector arithmetic	
22/03/2021	23	18.3 More vector arithmetic	18.4 Parallel vectors and collinear points	18.5 Solving geometric problems	18.5 Solving geometric problems	PIXL Wave
29/03/2021		EASTER BREAK				
05/04/2021		EASTER BREAK				
12/04/2021	24	19.1 Direct proportion	19.1 Direct proportion	19.2 More direct proportion	19.2 More direct proportion	Y11 Predicted Grades
19/04/2021	25	19.3 Inverse proportion	19.3 Inverse proportion	19.4 Exponential functions	19.5 Non-linear graphs	
26/04/2021	26	19.6 Translating graphs of functions	19.7 Reflecting and stretching graphs of functions	REVISE	REVISE	
03/05/2021	27	REVISE	REVISE	REVISE	REVISE	
10/05/2021		EXTERNALEXAMINATIONS				
17/05/2021		EXTERNALEXAMINATIONS				
24/05/2021		EXTERNALEXAMINATIONS				
31/05/2021		HALF TERM				
07/06/2021		HALF TERM				
14/06/2021		HALF TERM				
21/06/2021		HALF TERM				
28/06/2021		HALF TERM				
05/07/2021		EXTERNALEXAMINATIONS				