

Mathematics HIGHER Long Term Plan Year 11 2019-20



Temperance Term

W/C	2nd September	9th September	16th September	23rd September	30th September	7th October	14th October	21st October
Topic	Further equations and Graphs		Trigonometry	Properties of Polygons	Sketching Graphs	Inequalities	Growth and Decay	Transformations
	Solving linear equation Quadratic equations – factorising & expanding		Using SOHCAHTOA Identify key trigonometry values	Definitions and properties of polygons	Graphs of linear expressions, quadratic expressions,	Solve basic linear inequalities Algebraically	Compound interest	Sketch translations and reflections of a given function
Challenge	Solving equations algebraically and graphically Using formula Graphical solutions of quadratic and other graphs		Sine & Cosine rules	Calculating Interior & Exterior angles	cubic expressions, All Using trigonometry	Solve quadratic inequalities	iterative processes percentage multipliers	
Assessment								
W/C	HALF TERM	4th November	11th November	18th November	25th November	2nd December	9th December	CHRISTMAS
Topic		Scatter Graphs	Probability	Simultaneous Equations	Consolidation and revision	Year 11 Mock Exams		
		Lines of best fit, correlation	Expected outcomes, Tree Diagrams, Mutually exclusive outcomes	Solving linear and linear equations	Consolidation, revision and exam technique for exams			
Challenge		interpolation and extrapolation	Venn diagrams, tree diagrams, conditional probability	simultaneous equations algebraically and graphically				
Assessment								

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Justice Term

W/C	6 th January	13 th January	20 th January	27 th January	3 rd February	10 th February	HALF TERM
Topic	Gradients and Rates of Change		Consolidation and revision				
	Interpreting gradients		Consolidation, revision and exam technique for exams				
Challenge							
Assessment							
W/C	24 th February	2 nd March	9 th March	16 th March	23 rd March	30 th March	
Topic		Consolidation and revision					
		Consolidation, revision and exam technique for exams					
Challenge							
Assessment	Year 11 Mock Exams						

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Courage Term

W/C	20 th April	27 th April	4 th May	11 th May	18 th May	HALF TERM		
Topic	Consolidation and revision			Year 11 on bespoke revision timetable				
	Consolidation, revision and exam technique for exams							
Challenge								
Assessment				GCSE Exams				
W/C	1 st June	8 th June	15 th June	22 nd June	29 th June	6 th July		
Topic	Year 11 on optional revision timetable	Year 11 on study leave						
Challenge								
Assessment	GCSE Exams							