

Year 2 Further Maths Scheme of Work, starting Sept 2018

HT	Teacher 1	Teacher 2			
1	Complex numbers Series	Algorithms <ul style="list-style-type: none"> Planarity Route inspect (>4 odd vertices) Travelling salesperson problem Simplex algorithm Critical path analysis <ul style="list-style-type: none"> Resource histograms Scheduling diagrams			
		Elastic strings and springs			
Exam week Full AS-style papers (Core Pure, Further Mechanics & Decision Mathematics)					
2	Polar coordinates	(Momentum as a vector) Elastic collisions in two dimensions			
		Methods in calculus			
3	Methods in differential equations	Volumes of revolution			
		Exam week Content from Autumn term			
4	Modelling with differential equations	Hyperbolic functions			
5	Exam Week Full A Level Mock exam				
	Revision				
	Paper 1	Core-Pure 1	1 hours 30 mins	11 th May 2020	AM
Paper 2	Core-Pure 2	1 hours 30 mins	14 th May 2020	AM	
6	Paper 3	Further Mechanics 1	1 hours 30 mins	11 th June 2020	PM
	Paper 4	Decision 1	1 hours 30 mins	17 th June 2020	PM