Curriculum Map – Mathematics Y11 Foundation

	Autumn Term					
Y11	Topic Title: Year 11 Autumn Unit 1 - Reteach of key areas from EOY 10 mocks Big Question: What are the areas I need to improve on from my end of year 10 assessments?	Topic Title: Year 11 Autumn Unit 2: Probability Big Question: What are probability experiments? How do I apply the additional law of probability? What are combined events and probability diagrams?	Topic Title: Year 11 Autumn Unit 3: Sequences Big Question: How do I generate terms from a given rule? How do I recognise special sequences?	Topic Title: Year 11 Autumn Unit 4: Graphs Big Question: How do I interpret graphs in real world context?	How do I revision effectively for my amended	
Links to NC		Use a probability model to predict the outcomes of future experiments; understand that empirical unbiased samples tend towards theoretical probability distributions, with increasing sample size Calculate the probability of independent and dependent combined events, including using tree diagrams and other representations, and know the underlying assumptions	Use a given rule to generate terms. Recognise and use sequences of triangular, square and cube numbers, simple arithmetic progressions	Calculate and interpret gradients and intercepts of graphs of such linear equations numerically, graphically and algebraically	Mock session?	
Assessments	CFU topic specific from year 10 QLA and amended past papers					

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	Spring Term					
Y11	Topic Title:	How do I use my gap analysis from	Topic Title:	<u>How do I revise</u>		
	Year 11 Spring Unit 1: Similar Figures	mock session 2 to ensure	Year 11 Spring Unit 2: Vectors	effectively for my		
	Big Question:	progress?	Big Question:	final exams?		
	How can I use similarity to find missing		What is the application of vectors to plane			
	lengths?		geometry?			
	How do I translate a given shape?					
Links to NC	Identify properties of, and describe the	Can I recall and use knowledge of	Apply addition and subtraction of vectors,			
	results of, translations, rotations and	the prescribed content?	multiplication of vectors by a scalar, and			
	reflections applied to given figures		diagrammatic and column representations of			
	identify and construct congruent triangles,	Can I select and apply	vectors.			
	and construct similar shapes by	mathematical methods in a range				
	enlargement, with and without coordinate	of contexts?				
	grids.					
		Can I interpret and analyse				
		problems and generate strategies				
		to solve them?				
Assessments	CFU topic specific from year 10 QLA and amended past papers					

	Summer Term
Y11	QLA from in class revision papers and materials. Reteach and feedback leading to final <u>Exams.</u>