Curriculum Sequencing Overview – Year 11 Foundation

Stanchester Academy

	Unit 2							
Week	1	2	3	4	5	6	7	8
Date wb	14/11/22	21/11/22	28/12/22	05/12/22	12/12/22	02/01/23	09/01/23	16/01/23
Key dates	Unit 1 KA data due			Year 11 mock data and ATL deadline	Year 11 parents evening			
Big ideas (key concepts)	Similarity and congruence in 2D	Year 11 mock exams		Vectors		Rearranging equations, graphs of cubic and reciprocal functions	Revision - Feedback from assessments to inform planning.	
Lesson topics sequence	Identify the scale factor of an enlargement of a shape as the ratio of the lengths of two corresponding sides Understand the effect of enlargement on perimeter of shapes Solve problems to find missing lengths in similar shapes Know that scale diagrams, including bearings and maps are 'similar' to the real-life examples			Understand and use column notation in relation to vectors Be able to represent information graphically given column vectors Identify two column vectors which are parallel Calculate using column vectors, and represent graphically, the sum of two vectors, the difference of two vectors and a scalar multiple of a vector		Change the subject of a formula involving the use of square roots and squares Answer 'show that' questions using consecutive integers Solve problems involving inverse proportion using graphs Find the equation of the line through two given points Recognise, sketch and interpret graphs of simple cubic and reciprocal functions Use graphical representations of inverse proportion to solve problems in context Identify and interpret the gradient from an equation $ax + by = c$ Write simultaneous equations to represent a situation Solve simultaneous equations algebraically and graphically		
Key assessments		Year 11 mock exams 3 x maths papers 1 x non-calc/ 2 x calc						Unit 2 KA

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Homework	Mock exam revision	1 x Half Paper Set 3B Paper 2F Calculator Foundation Half Papers	1 x Half Paper Set 3B Paper 3F Calculator Foundation Half Papers	1 x Half Paper Set 4A Paper 1F Non – Calculator Foundation Half Papers	1 x Half Paper Set 4A Paper 2F Calculator Foundation Half Papers	1 x Half Paper Set 4A Paper 3F Calculator Foundation Half Papers	1 x Half Paper Set 4B Paper 1F Non – Calculator Foundation Half Papers	1 x Half Paper Set 4B Paper 2F Calculator Foundation Half Papers