

Maths

Year 10 Higher

Spring 1

Week	Unit	Learning Objective	Resources	Assessment
1	Multiplicative Reasoning	Calculate real life compound measures	Hegarty Maths	Weekly Progress Checks and Easter Assessment
		Speed calculations and convert between metric speed measures		
		Kinematics formula		
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2	Multiplicative Reasoning	Extra		
		More compound measure - real life, problem solving		
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		Fractions to ratio		
3	Multiplicative Reasoning	Direct proportion		
		Inverse Proportion		
		Extra		
		Conditions of congruence		
4	Similarity and Congruence	Show congruency		
		Congruent Proof		
		Congruent problems		
		Similarity - Determine and use Scale Factors		
5	Similarity and Congruence	Similarity - Determine and use Scale Factors		
		Use similar triangles and real life triangles		
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		Similarity in 3D		
6	More Trigonometry	Similarity in 3D		
		Pythagoras and SOHCAHTOA Review		
		Upper and Lower Bounds with Trigonometry		
		Graph of Sine function - Sine of any angle		