

NAME		TEACHER				
My GCSE Target Grade is		End of Cycle Teacher Assessment Please circle				
		SAE	AE	E	BE	SBE
End of unit assessment type		Your end of topic assessment will be a written exam.				

YEAR 11 HIGHER	CYCLE 1: VECTORS & PROOF
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	Knowledge	Prior Knowledge	End of Topic	Hegarty Clips
Vectors	Vectors – I can understand and use vector notation			622-636
	Magnitude of a Vector – I can calculate the magnitude of a vector using Pythagoras theorem including with surds			
	Vectors Calculations – I can add and subtract & find multiples of vectors and represent the solutions on a grid			
	Resultants – I can find the resultant of two vectors and solve vector geometry problems			
	Parallel Vectors – I can prove two lines are parallel using vectors and a scalar			
	Vector Problem Solving – I can solve geometric problems in 2D using vector methods and apply to simple geometric proofs			
Algebra	Algebraic Notation – I can identify odd, even and consecutive numbers written algebraically			324
	Algebraic Proof – I can prove a result using algebra			
	Algebraic Fractions – Add and subtract more complex algebraic fractions			172
	Solving Algebraic Fractions – Solve equations that involve algebraic fractions			187, 229
	Functions - I can use function notation and write expressions using function machines			288-297
	Composite Functions – I can find the result of composite functions			
	Inverse Functions – I can find the inverse of a function			
	Harder Functions – I can solve advanced problems involving multiple functions			

LEARNING TOOLS

MY KEY TOPICS	KEY TOPIC 1	
	KEY TOPIC 2	
KEYWORDS		Magnitude, Scalar, Parallel, Proof

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