

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.				

<b>YEAR 10 HIGHER</b>	<b>CYCLE 1: ALGEBRA &amp; PROBABILITY</b>
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	<b>Knowledge</b>	Prior knowledge	End of topic
<b>Algebra</b>	<b>Quadratic Equations 1</b> – I can find the roots of quadratic functions by factorising including when the co-efficient of $x^2$ in $ax^2 + bx + c = 0$ is greater than 1		
	<b>Quadratic Equations 2</b> – I can solve complex quadratic equations including using the <b>quadratic formula</b> to find the roots		
	<b>Completing the Square 1</b> – I can complete the square for a quadratic expression		
	<b>Completing the Square 2</b> – I can find the roots of a quadratic equation by completing the square		
	<b>Simultaneous Equations</b> – I can solve linear simultaneous equations algebraically where both equations need multiplying and apply to worded problems		
	<b>Simultaneous Equations 2</b> – I can solve simultaneous equations algebraically with one linear and one quadratic equation and apply to real life contexts		
	<b>Sketching Graphs</b> – I can sketch quadratic equations on an axis and show the roots, turning point and y intercept		
	<b>Linear Inequalities</b> – I can solve linear inequalities with 2 & 3 parts and represent the solution on a number line		
<b>Probability</b>	<b>Product Rule</b> – I can use the product rule for finding the number of outcomes for two or more events and list all the possible outcomes in a sample space diagram		
	<b>Mutually Exclusive Events</b> – I can find the probabilities of mutually exclusive outcomes and events and find the probability of an event not happening		
	<b>Experimental Probability</b> – I can work out the expected results for experimental and theoretical probabilities and compare to see if a game is fair		

<b>LEARNING TOOLS</b>
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<b>KEY CONCEPTS</b>	<b>Mutually Exclusive</b>	Two events _____			
	<b>Set Notation</b>	Describes the data included in a specific group			
<b>KEY WORDS</b>		<b>Roots</b>	<b>Turning Point</b>	<b>Y – Intercept</b>	
<b>KEY EQUATION</b>	Quadratic Formula =				