

### Year 11 Set 1 AL

Date	Term 1	Topic	Teaching	Practice	Notes
7th Sept	Week 1	Equations of circles, lines and perpendicular lines Tangents to circles Simultaneous Equations with Quadratics	<a href="#">Quadratic Linear simultaneous Equations</a>	Within lesson	
14th Sept	Week 2	Direct proportion	<a href="#">Simple direct proportion</a>	Within lesson	
21st Sept	Week 3	Direct proportion Inverse proportion Inverse proportion Inverse proportion	<a href="#">Other direct proportion relationships</a>  <a href="#">Inverse proportion</a>  <a href="#">Further proportionality</a>	Within lesson <a href="#">More practice do workout 1 &amp; 3</a> Within lesson <a href="#">More practice do workout 2 &amp; 4</a>	
28th Sept	Week 4	Graphs Exponential graphs Trig graphs	<a href="#">Cubics &amp; reciprocals</a> <a href="#">Exponential</a> <a href="#">Trig</a>	<a href="#">Questions</a> <a href="#">Questions</a> <a href="#">Questions</a>	<a href="#">Solutions</a>  <a href="#">Solutions</a>
5th Oct	Week 5	Transforming graphs Transforming graphs Trig equations & values	<a href="#">Transformations</a> <a href="#">Trig graphs</a> <a href="#">Exact values</a>	<a href="#">Questions</a> Within lesson <a href="#">Questions</a>	<a href="#">Solutions</a>  <a href="#">Solutions</a>
12th Oct	Week 6	Sine rule  Cosine rule  Area of a triangle	<a href="#">Sine rule angles</a> <a href="#">Sine rule lengths</a> <a href="#">Cosine rule lengths</a> <a href="#">Cosine rule angles</a> <a href="#">Area of a triangle</a>	Within lesson Within lesson Within lesson Within lesson <a href="#">Questions</a>	    <a href="#">Solutions</a>
19th Oct	Week 7	Review			
26th Oct					
	Term 2				
2nd Nov	Week 1	Functions Functions Functions	<a href="#">Using functions</a> <a href="#">Solving equations</a> <a href="#">Composite functions</a>	Within lesson Within lesson Within lesson	
9th Nov	Week 2	Iteration Iteration Iteration	<a href="#">Inverse functions</a> <a href="#">Change of sign</a> <a href="#">Rearranging to solve</a>	Within lesson Within lesson Within lesson	
16th Nov	Week 3	Inequalities Inequalities	<a href="#">Solving linear</a> <a href="#">Graphs 1</a> <a href="#">Graphs 2</a>	<a href="#">Questions</a> Within lesson <a href="#">Questions</a>	
23rd Nov	Week 4	Inequalities Inequalities	<a href="#">Regions</a> <a href="#">Quadratic</a>	<a href="#">Questions</a> <a href="#">Questions</a>	<a href="#">Solutions</a>
		Proof Proof	<a href="#">Algebraic proof</a> <a href="#">Geometric proof</a>	<a href="#">Questions</a> <a href="#">Questions</a>	<a href="#">Solutions</a>
30th Nov	Week 5	Vectors Vectors Vectors	<a href="#">Column vectors</a> <a href="#">Geometry &amp; vectors</a> <a href="#">Vectors with ratios</a>	<a href="#">Questions</a> <a href="#">Questions</a> Within lesson	
6th Dec	Week 6	Similarity Congruence Congruence	<a href="#">Identify similar shapes</a> <a href="#">Identify congruent shapes</a>	Within lesson Within lesson <a href="#">Questions</a>	  <a href="#">Solutions</a>
13th Dec	Week 7	Review			

Term 3