

Varsity College
Year 9 Mathematics 2025

Term 1

Week	Date	Topics	Assessment
1	27-31 January O-Week Australia Day: Monday	O Week	
2	3-7 February	Similarity <ul style="list-style-type: none"> Understand the concept of similar figures in terms of angles, side lengths and scale factors Find missing sides and/or angles in similar figures Understand and apply the triangle rules for similarity 	
3	10-14 February Swimming Carnival: Tuesday	<ul style="list-style-type: none"> Understand and apply the triangle rules for similarity (continue) Algebra <ul style="list-style-type: none"> Consolidate simplifying algebraic expressions involving addition and subtraction 	
4	17-21 February	<ul style="list-style-type: none"> Consolidate expanding single brackets using the distributive law Consolidate factorising linear expressions 	
5	24-28 February	Pythagoras Theorem <ul style="list-style-type: none"> Consolidate Pythagoras Theorem for finding missing sides Apply Pythagoras' Theorem to solve worded problems and applications 	
6	3-7 March GC25: Wednesday	Trigonometry <ul style="list-style-type: none"> Apply SOH CAH TOA in right-angle triangles to determine unknown side (denominator of ratio) Apply SOH CAH TOA in right-angle triangles to determine unknown angle 	
7	10-14 March NAPLAN	NAPLAN and Revision	
8	17-21 March	<ul style="list-style-type: none"> Labelling and identifying right angled triangles Introduce SOH CAH TOA Apply SOH CAH TOA in right-angle triangles to determine unknown side (numerator of ratio) 	
9	24-28 March	<ul style="list-style-type: none"> Revision 	Exam Lesson 3
10	31 March - 4 April	Algebra <ul style="list-style-type: none"> Rearranging linear equations Solving linear equations 	
School holidays: Friday April 4 - Sunday April 19			

Term 2

Week	Date	Topics	Assessment
1	21-25 April Easter Monday ANZAC Day: Friday	Index Laws <ul style="list-style-type: none"> Consolidate index laws (product, quotient, power, zero) Apply negative indices when simplifying and evaluating numerical expressions 	
2	28 April-2 May GC25: Tuesday	<ul style="list-style-type: none"> Apply index laws when simplifying algebraic expressions 	
3	5-9 May Labour Day: Monday	Scientific Notation <ul style="list-style-type: none"> Convert real numbers expressed in scientific notation into decimal form and Vice versa Apply mathematical operations to numbers expressed in scientific notation 	
4	12-16 May	Coordinate Geometry <ul style="list-style-type: none"> Recall the rule for a linear function ($y=mx+c$) Use digital tools to investigate gradient relationships for parallel and perpendicular lines Determine the gradient of a line between 2 points 	
5	19-23 May	<ul style="list-style-type: none"> Determine Gradient and intercept from a graph Consolidate Rearrange equations into gradient intercept form 	
6	26-30 May	<ul style="list-style-type: none"> Determine x – and y – intercepts Determine the midpoint of a line segment between 2 points 	
7	2-6 June GC25: Wednesday	Linear Modelling <ul style="list-style-type: none"> Model and solve problems involving practical and financial contexts Interpolate and extrapolate data points from linear models 	
8	9-13 June GC25: Wednesday	Revision	
9	16-20 June	Revision	Exam Lesson 2
10	23-27 June	Measurement <ul style="list-style-type: none"> Recall constructing nets of solids 	
School holidays: Saturday June 28 - Sunday July 13			