

Varsity College
Year 10 – Mathematical Methods – Semester 2 – 2023

Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 July Athletics Carnival - Wed	<ul style="list-style-type: none"> Recall algebra skills, rules of simplification and expansion Expand binomial products Introduction to Quadratics Factorising Quadratics – Method 1 & 2 	
2	17-21 July	<ul style="list-style-type: none"> Factorising Quadratics – Method 1 & 2 Factorising Quadratics – Decomposition method 	
3	24-28 July	<ul style="list-style-type: none"> Solving Quadratic equations by factorising Solving Quadratic using the Quadratic Formula The discriminant 	
4	31 July – 4 August	<ul style="list-style-type: none"> Completing the square (factorising and solving) Application of Quadratics 	
5	7-11 August	<ul style="list-style-type: none"> Algebraic fractions +, -, x, ÷ Solving algebraic fractions 	
6	14-18 August	<ul style="list-style-type: none"> Solving algebraic fractions 	
7	21-25 August	<ul style="list-style-type: none"> Revision 	Exam L3
8	28 August – 1 Sept. GC Show PH - Fri	<ul style="list-style-type: none"> Exploring Quadratics Sketching Quadratics 	
9	4-8 September	<ul style="list-style-type: none"> Quadratic transformations (including using completing the square to determine transformational form) Modelling Quadratics 	
10	11-15 September	<ul style="list-style-type: none"> Application of quadratics 	
School Holidays: Saturday September 16 – Monday October 2			

Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October King's Birthday PH - Mon	<ul style="list-style-type: none"> Sine Rule Cosine Rule 	
2	9-13 October	<ul style="list-style-type: none"> Introduction to logarithmic functions Logarithmic laws 1 - 3 	
3	16-20 October	<ul style="list-style-type: none"> Solving logarithmic equations Applications of logarithmic equations 	
4	23-27 October	<ul style="list-style-type: none"> Introduction to radians Exact values 	
5	30 Oct – 3 Nov	<ul style="list-style-type: none"> Unit circle Angles of any magnitude 	
6	6-10 November	<ul style="list-style-type: none"> Non-linear simultaneous equations 	
7	13-17 November	<ul style="list-style-type: none"> Semester Revision 	
8	20-24 November	Exam Block	Exam
School Holidays: Saturday November 25 – Sunday January 21, 2024			