

Varsity College
Year 10 Mathematical Methods - Semester 1, 2023

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	<ul style="list-style-type: none"> Like terms, simplification (+, -, ×, ÷) Expansion/Factorisation (single bracket) Binomial expansion 	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> Solving one and two step equations Rearranging equations/Substitution Practice/Consolidation/CF practice 	
3	6-10 February	<ul style="list-style-type: none"> Index Laws (positive and zero indices only) Index Laws (positive and zero indices only) 	
4	13-17 February	<ul style="list-style-type: none"> Negative and fractional indices 	
5	20-24 February	<ul style="list-style-type: none"> Trigonometric ratios AMS and high core classes (3D for extension) 	
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> Pythagoras – finding unknown sides Angles of elevation and depression 	
7	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> Bearings Applications of trig and bearings 	
8	13-17 March	<ul style="list-style-type: none"> Revision Exam 	Exam Lesson 3
9	20-24 March	<ul style="list-style-type: none"> Perimeter, area and unit conversion Surface area Volume 	
10	27-31 March Cross Country - Thurs	<ul style="list-style-type: none"> Compound Interest Applications – rearranging CI formula 	
School Holidays: Saturday April 1 – Sunday April 16			
1	17-21 April Athletics Carnival - Wednesday	<ul style="list-style-type: none"> Sketching linear equations Determining linear equations 	
2	24-28 April ANZAC Day PH - Tues	<ul style="list-style-type: none"> Parallel and perpendicular lines 	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<ul style="list-style-type: none"> Building linear equations in context Scatterplots 	
4	8-12 May	<ul style="list-style-type: none"> Lines of best fit (best fit method) Lines of best fit - technology Modelling linear functions 	
5	15-19 May GIPSA - Wednesday	Solving simultaneous equations <ul style="list-style-type: none"> Graphically Algebraic methods – Substitution and eliminations methods Applications of simultaneous equations 	
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> Inequalities Simplifying surds Operations using surds 	
7	29 May – 2 June	<ul style="list-style-type: none"> Rationalising surds Index law review 	
8	5-9 June GIPSA - Wednesday	<ul style="list-style-type: none"> Index Laws, negative indices fractional indices 	
9	12-16 June	<ul style="list-style-type: none"> Semester Revision 	
10	19-23 June	Exam Block	Exam
School Holidays: Saturday June 24 – Sunday July 9			