

Varsity College Year 10 General Mathematics – Semester 1, 2024

Week	Date	Topics	Assessment
1	22-26 January O-Week Australia Day PH Fri	<ul style="list-style-type: none"> O Week 	
2	29 Jan-2 Feb	<ul style="list-style-type: none"> Review the rules and terminology of algebra Create expressions – words into algebra – defining variables Recap rules to simplify algebra under all operations Substitute and Evaluate (Unit 2 Topic 2) Transpose / Rearrange to make X the subject (Unit 2 Topic 2) 	
3	5-9 February Swimming Carnival - Thurs	<ul style="list-style-type: none"> Review the rules of algebraic expansion Expand simple single and binomial brackets Simplify algebraic expressions including factorising by removing both a numerical and common algebraic factor 	
4	12-16 February	<ul style="list-style-type: none"> Recap trigonometric ratios Applying trigonometry 	
5	19-23 February	<ul style="list-style-type: none"> Angles of elevation and depression Bearings 	
6	26 Feb-1 Mar GC24 - Wednesday	<ul style="list-style-type: none"> Solve right-angled triangle problems including those involving bearings and angles of elevation and depression Solve contextual applications of trigonometry 	
7	4-8 March	<ul style="list-style-type: none"> Review angle relationships & angle facts/ rules Review of scale and scale factors 	
8	11-15 March	<ul style="list-style-type: none"> Review of similarity Solve measurement problems which include scale 	
9	18-22 March GC24 - Thursday	<ul style="list-style-type: none"> Directed Term Revision 	
10	25-29 March Good Friday PH	<ul style="list-style-type: none"> EXAM Exam Catch Ups Term 1 Consolidation 	EXAM Lesson 1
School holidays: Friday March 29 - Sunday April 14			
1	15-19 April Cross Country – Wed	<ul style="list-style-type: none"> Substitute values into formulas to determine an unknown Rearranging: changing the subject of formulae (extended - complex questions) 	
2	22-26 April GC24 - Tuesday Anzac Day PH - Thurs	<ul style="list-style-type: none"> Develop a linear equation from a description in words Simplify and solve multistep equations 	
3	29 Apr-3 May	<ul style="list-style-type: none"> Identify and solve linear equations, including variables on both sides, fractions & non-integer solutions 	
4	6-10 May Labour Day PH - Mon	<ul style="list-style-type: none"> Change fractions and decimals to percentages Understand and use the terms cost price, selling price and marked price; discount, mark-up, profit and loss 	
5	13-17 May	<ul style="list-style-type: none"> Percentages and commission Rates and ratios 	
6	20-24 May	<ul style="list-style-type: none"> Review and extend the use of the simple interest formula 	
7	27-31 May	<ul style="list-style-type: none"> Review and extend the use of the compound interest formula 	
8	3-7 June	<ul style="list-style-type: none"> Apply the use of simple and compound interest 	
9	10-14 June GC24 - Wednesday	<ul style="list-style-type: none"> Directed Semester Revision 	
10	17-21 June Athletics Carnival - Thurs	EXAM BLOCK	SEMESTER EXAM
School holidays: Saturday June 22 - Sunday July 7			