Varsity College
Year 10 General Mathematics - Semester 1, 2023

Week	Date	Topics	Assessment
1	23-27 January **Australia Day PH - Thurs**	• 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)	
2	30 Jan – 3 Feb **Swimming Carnival - Mon**	• Transpose / Rearrange to make X the subject (Unit 2 Topic 2) • Review the rules of algebraic expansion • Expand simple single and binomial brackets	
3	6-10 February	• Simplify algebraic expressions including factorising by removing both a numerical and common algebraic factor	
4	13-17 February	• Recap trigonometric ratios • Applying trigonometry	
5	20-24 February	• Angles of elevation and depression • Bearings (Unit 2 Topic 1)	
6	27 Feb – 3 Mar	• Solve right-angled triangle problems including those involving bearings and angles of elevation and depression • Solve contextual applications of trigonometry	
7	6-10 March **GIPSA - Wednesday**	• Review angle relationships & angle facts/ rules • Review of scale and scale factors	
8	13-17 March	• Review of similarity • Solve measurement problems which include scale	
9	20-24 March	• Directed Term Revision • Exam in Lesson 3	**Exam Lesson 3**
10	27-31 March **Cross Country - Thurs**	• Exam Catch Ups / Feedback • Term 1 Consolidation	
	School Holidays: Saturday April 1 – Sunday April 16		
1	17-21 April **Athletics Carnival - Wednesday**	• Substitute values into formulas to determine an unknown • Rearranging: changing the subject of formulae (extended - complex questions)	
2	24-28 April **ANZAC Day PH - Tues**	• Develop a linear equation from a description in words • Simplify and solve multistep equations	
3	1-5 May **Labour Day PH - Monday GIPSA - Wednesday**	• Identify and solve linear equations, including variables on both sides, fractions & non-integer solutions	
4	8-12 May	• Review and extend the use of the simple interest formula	
5	15-19 May **GIPSA - Wednesday**	• Review and extend the use of the compound interest formula	
6	22-26 May **GIPSA - Wednesday**	• Apply the use of simple and compound interest	
7	29 May – 2 June	• Interpret and describe time series data	
8	5-9 June **GIPSA - Wednesday**	• Construct time series graphs	
9	12-16 June	• Directed Semester Revision	
10	19-23 June	**Exam Block**	**Exam**
	School Holidays: Saturday June 24 – Sunday July 9		