

Varsity College Year 7 Mathematics 2025

Term 1

Week	Date	Topics	Assessment
1	27-31 January O-Week Australia Day: Monday	<ul style="list-style-type: none"> • O Week 	
2	3-7 February	<ul style="list-style-type: none"> • Define prime and composite numbers • Understand that composite numbers are made up of factors • Determine the highest common factor and lowest common multiple • Construct factor trees and express number as a product of its prime factors 	
3	10-14 February Swimming Carnival: Tuesday	<ul style="list-style-type: none"> • Determine and understand square numbers, square roots of numbers including the use of a scientific calculator • Investigate patterns with square numbers • Investigate the powers of 10 using exponents • Represent natural numbers in expanded form and understand the connection between place value and expanded form 	
4	17-21 February	<ul style="list-style-type: none"> • Use of signs to represent integers (+ and -) • Order integers on a number line • Use less than and greater than notation to compare integers • Add and subtract integers using a number line 	
5	24-28 February	<ul style="list-style-type: none"> • Represent decimals on a number line • Represent fractions on a number line • Identify equivalent fractions • Simplify fractions using HCF 	
6	3-7 March GC25: Wednesday	<ul style="list-style-type: none"> • Order fractions • Convert decimals, fractions and percentages • Classify polygons 	
7	10-14 March NAPLAN	<ul style="list-style-type: none"> • Identify types of triangles according to their side and angle properties • Construct flow charts to classify triangles • Construct triangles to see if any 3 lengths form a triangle 	
8	17-21 March	<ul style="list-style-type: none"> • Identify types of quadrilaterals according to their properties • Construct flow charts to classify quadrilaterals • Revision 	

9	24-28 March	<ul style="list-style-type: none"> Revision 	Exam Lesson 3
10	31 March - 4 April	<ul style="list-style-type: none"> Understand the relationship between the radius, diameter and circumference Investigate the significance of π when used to determine circumference (approximately 3) 	
School holidays: Friday April 4 - Sunday April 19			

Term 2

Week	Date	Topics	Assessment
1	21-25 April Easter Monday ANZAC Day: Friday	<ul style="list-style-type: none"> Investigate the area of a rectangle, triangle and parallelogram Apply the area formulas to rectangles, triangles and parallelograms 	
2	28 April-2 May GC25: Tuesday	<ul style="list-style-type: none"> Solve practical problems using area Construct shapes using nets Identify cubes, rectangular prism, triangular prism and pyramid 	
3	5-9 May Labour Day: Monday	<ul style="list-style-type: none"> Use the parallel cross-section (base) to calculate the volume of a rectangular prism Investigate the volume of a rectangular prism 	
4	12-16 May	<ul style="list-style-type: none"> Use the parallel cross-section (base) to calculate the volume of a rectangular prism Investigate the volume of a triangular prism 	
5	19-23 May	<ul style="list-style-type: none"> Evaluate algebraic expressions by substitution of variables into formulas Write algebraic expressions 	
6	26-30 May	<ul style="list-style-type: none"> Solve equations involving addition and subtraction (one step) Solve equations involving multiplication and division (one step) Solve equations involving all four operations (two step) 	
7	2-6 June GC25: Wednesday	<ul style="list-style-type: none"> Addition and Subtraction of Fractions Multiplication of fractions 	
8	9-13 June GC25: Wednesday	<ul style="list-style-type: none"> Division of fractions Revision 	
9	16-20 June	<ul style="list-style-type: none"> Revision Addition and subtraction of decimals 	Exam Lesson 2
10	23-27 June	<ul style="list-style-type: none"> Multiplication of decimals Division of decimals 	
School holidays: Saturday June 28 - Sunday July 13			