

## Varsity College Year 11 Essential Mathematics 2025

### Term 1

Week	Date	Topics	Assessment
1	27-31 January O-Week Australia Day: Monday	<ul style="list-style-type: none"> <li>• O Week</li> </ul>	
2	3-7 February	<b>Unit 1: Topic 1 Number</b> <ul style="list-style-type: none"> <li>• Decimals, Fractions &amp; Percentages</li> <li>• Simplifying ratios</li> <li>• Equivalent ratios</li> <li>• Using ratios to find an amount</li> <li>• Dividing quantities in a given ratio</li> </ul>	Unit 1 PSMT handed out Lesson 3
3	10-14 February Swimming Carnival: Tuesday	<ul style="list-style-type: none"> <li>• Energy in food</li> <li>• Unit Cost Price/ Best Buys/Rates</li> </ul>	
4	17-21 February	<ul style="list-style-type: none"> <li>• Percentages</li> <li>• Percentage increase/ decrease</li> <li>• GST</li> </ul>	
5	24-28 February	<ul style="list-style-type: none"> <li>• One quantity as a percentage of another</li> <li>• Percentage change</li> </ul>	Unit 1 PSMT Draft Due
6	3-7 March GC25: Wednesday	<b>Unit 1: Topic 2 Representing Data</b> <ul style="list-style-type: none"> <li>• Types of Data (Categorical)</li> <li>• Column graphs</li> </ul>	
7	10-14 March	<ul style="list-style-type: none"> <li>• Numerical data displays</li> <li>• Histograms</li> <li>• Dot plots</li> </ul>	Unit 1 PSMT Final Due Lesson 3
8	17-21 March	<ul style="list-style-type: none"> <li>• Stem and Leaf plots</li> <li>• Back-to-back Stem and Leaf and dot plots</li> <li>• Parallel dot plots</li> <li>• Outliers</li> </ul>	
9	24-28 March	<b>Exam Block</b>	
10	31 March - 4 April	<ul style="list-style-type: none"> <li>• Conversion graphs</li> </ul>	
<b>School holidays: Saturday April 5 - Sunday April 20</b>			

## Term 2

Week	Date	Topics	Assessment
1	21-25 April Easter Monday ANZAC Day: Friday	<b>Unit 1: Topic 3: Managing Money</b> <ul style="list-style-type: none"> <li>Wages and Salaries</li> <li>Hourly rates</li> </ul>	
2	28 April-2 May GC25: Tuesday	<ul style="list-style-type: none"> <li>Overtime</li> <li>Commission</li> <li>Piece Rate</li> <li>Gross income and deductions</li> <li>Taxable income</li> <li>Income Tax</li> <li>Medicare Levy</li> </ul>	
3	5-9 May Labour Day: Monday	<ul style="list-style-type: none"> <li></li> </ul>	
4	12-16 May	<ul style="list-style-type: none"> <li>PAYG</li> <li>Lodging a Tax Return</li> </ul>	
5	19-23 May	<ul style="list-style-type: none"> <li>Budgets</li> <li>Revision</li> </ul>	
6	26-30 May	Revision & Exam	<b>In Class Exam Lesson 3</b>
7	2-6 May GC25: Wednesday	<b>Exam Block</b>	
8	9-13 June GC25: Wednesday	<b>Unit 2: Topic 3: Time and Motion</b> <ul style="list-style-type: none"> <li>12 and 24 hour time</li> <li>Fractional time Difference in Time</li> <li>Timetables</li> <li>Units of distance</li> <li>Ratio to describe scale</li> </ul>	
9	16-20 June	<ul style="list-style-type: none"> <li>Scale and distance</li> <li>Maps and direction</li> </ul>	
10	23-27 June	<ul style="list-style-type: none"> <li>Speed</li> <li>Units of speed</li> <li>Application of speed, distance time</li> <li>Speed Graphs</li> </ul>	
<b>School holidays: Saturday June 28 - Sunday July 13</b>			

**Term 3**

Week	Date	Topics	Assessment
1	14-18 July	<b>Unit 2: Topic 1: Data Collection</b> <ul style="list-style-type: none"> <li>Collecting Data</li> <li>Census and Samples</li> </ul>	
2	21-25 July	<ul style="list-style-type: none"> <li>Sampling Methods</li> <li>Target population</li> </ul>	
3	28 July-1 August	<ul style="list-style-type: none"> <li>Writing questionnaires – Activity survey monkey</li> </ul>	
4	4-8 August	<b>Unit 2: Topic 2: Graphs</b> <ul style="list-style-type: none"> <li>Two-way Tables</li> <li>Pie Graphs</li> </ul>	
5	11-15 August GC25: Tuesday	<ul style="list-style-type: none"> <li>Line Graphs - Features of line graphs</li> </ul>	
6	18-22 August GC25: Tuesday	<ul style="list-style-type: none"> <li>Double line graphs</li> <li>Step Graphs</li> </ul>	
7	25-29 August GC Show Day: Friday	<ul style="list-style-type: none"> <li>Choosing the most appropriate graph</li> <li>Misleading Data</li> </ul>	
8	1-5 September	<ul style="list-style-type: none"> <li>Conversion Graphs</li> <li>Revision</li> </ul>	<b>In Class Exam Lesson 3</b>
9	8-12 September	<b>EXAM BLOCK</b>	
10	15-19 September	<b>EXAM BLOCK</b>	
<b>School holidays: Saturday September 20 – Sunday October 5</b>			

### Term 4

Week	Date	Topics	Assessment
1	6-10 October <small>King's Birthday: Monday</small>	<b>Unit 3 Topic 1: Measurement</b> <ul style="list-style-type: none"> <li>• Geometry, Linear measure and Area measure</li> <li>• 2D Shapes, Perimeter</li> </ul>	
2	13-17 October	<ul style="list-style-type: none"> <li>• Perimeter</li> </ul>	<b>Hand out PSMT (lesson 2)</b>
3	20-24 October	<ul style="list-style-type: none"> <li>• Area</li> </ul>	
4	27-31 October	<ul style="list-style-type: none"> <li>• Area</li> </ul>	
5	3-7 November	<b>Unit 3 Topic 2: Scales, plans and models</b> <ul style="list-style-type: none"> <li>• Interpret scale drawings</li> <li>• Create scale drawings</li> </ul>	<b>Draft Due</b>
6	10-14 November	<ul style="list-style-type: none"> <li>• Scale Drawings</li> </ul>	
7	17-21 November	<ul style="list-style-type: none"> <li>• Scale Drawings</li> </ul>	<b>Hand in PSMT (lesson 2)</b>
8	24-28 November	<b>EXAM BLOCK</b>	
<b>School holidays: Saturday November 29 – Monday January 26</b>			