

# Learning and Assessment Overview



**MALANDA**  
STATE HIGH SCHOOL

Year 11

11 SPECIALIST MATHEMATICS

Unit #	Topics	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoints	Due Date	
Unit #1	Combinatorics, vectors and proof	<u>Term 1</u> Week 1 -10	In Unit 1, students will develop the mathematical understanding and skills to solve problems relating to the topics: <ul style="list-style-type: none"> <li>• Fundamental topic: Calculations</li> <li>• Topic 1: Combinatorics</li> <li>• Topic 2: Vectors in the plane</li> <li>• Topic 3: Introduction to proof</li> </ul>	Problem Solving and Modelling Task	15/02/24	<u>Week 5</u> 22/02/24	
		<u>Term 2</u> Week 1 - 6		Exam  Paper 1 Paper 2		<u>Week 5</u>  16/05/24 20/05/24	
Unit #	Topics	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoints	Due Date	
Unit #2	Complex numbers, trigonometry, functions and matrices	<u>Term 2</u> Week 7-10	In Unit 2, students will develop the mathematical understanding and skills to solve problems relating to: <ul style="list-style-type: none"> <li>• Fundamental topic: Calculations</li> <li>• Topic 1: Complex numbers 1</li> <li>• Topic 2: Trigonometry and functions</li> <li>• Topic 3: Matrices</li> </ul>	Exam Paper 1 Paper 2		<u>Week 8</u> 27/08/24 29/08/24	
		<u>Term 3</u> Week 1-10				Exam Paper 1 Paper 2	Week #4  Exam Block
		<u>Term 4</u> Week 1-4				<i>NOTE: Students will begin Unit 3 in Week 5 Term 4 Year 11.</i>	