



# JOHN EDMONDSON HIGH SCHOOL

## Assessment Notification

Faculty: Mathematics Course: Mathematics Extension 2 Year: 12

Assessment Task: 3 HSC Trial Examination

Assessment Weighting: 30% Due: Term 3, Weeks 3-4 2024 (as per timetable)

Task Type: Hand in Task  In Class Task  Practical Task

<b>Outcomes Assessed (NESA)</b>
<b>MEX12-1 to MEX12-8 (Year 12 Mathematics Extension 2)</b> Please Note: Further information about these outcome codes can be found on the NESA Website
<b>Task Description/Overview</b> This formal examination will consist of multiple choice and short answer questions A Mathematics Reference Sheet will be provided Time allowed: 3 hours plus 10 minutes reading time Venue: <b>School Hall</b> Equipment Required: Black Pen(s), a NESA approved calculator and ruler
<b>Assessment Task Description</b> Topics to be assessed will be: <ul style="list-style-type: none"><li>▪ Complex Numbers (Chapter 1)</li><li>▪ The Nature of Proof (Chapter 2)</li><li>▪ Further Work With Vectors (Chapter 3)</li><li>▪ Integration (Ch 4 &amp; 5)</li><li>▪ Mechanics (Chapter 6)</li></ul> Please Note: More detailed topic overviews are published on CANVAS The <b>Year 11 &amp; 12 Preliminary Mathematics Advanced and Extension 1</b> courses will be assumed knowledge and may be examined.

Examination Structure	
Section Description	Marks Available
<b>Section 1</b> 10 Multiple Choice Questions	10
<b>Section 2</b> Short Answer Questions	90
<b>Total marks for this task</b>	<b>100</b>

### Satisfactory completion of courses

A course has been satisfactorily completed when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes