



# JOHN EDMONDSON HIGH SCHOOL

## Assessment Notification

**Faculty: Mathematics    Course: Mathematics Extension 1    Year: 12**

**Assessment Task: 2**

**Assessment Weighting: 40%    Due: Term 2 Week 7 Date: 8/06/2023**

**Task Type: Hand in Task     In Class Task     Practical Task**

<b>Outcomes assessed (NESA)</b>
<b>ME11-T3; ME-P1; ME-V1; ME-C2/C3; ME-V1.3. PLEASE NOTE: further information related to these codes can be found on the NESA website</b>
<b>Task Description/Overview</b>
This in class written test will consist of multiple choice and short answer questions Time allowed: 80 Minutes plus 10 minutes reading time Equipment required: Black pen and NESA approved calculator
<b>Detailed Assessment Task Description</b>
Topics to be assessed: * Proof by Mathematical Induction                      * Trigonometric Equations * Vectors (including projectiles/forces)               * Calculus (Volume) * Calculus (differentiation and integration of inverse functions and trig functions)
For further details, refer to the 'Topic Overviews' distributed to all students and uploaded onto CANVAS

<b>Test/Examination Structure</b>	
<b>Section Description</b>	<b>Marks Available</b>
10 Multiple choice questions	10
Short answer questions	40
<b>Total Marks for this task</b>	<b>50</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