



# JOHN EDMONDSON HIGH SCHOOL

## Assessment Notification

Faculty: Mathematics Course: Year 10 Mathematics 5.1 Year: 10

Assessment Task: 1

Assessment Weighting: 20% Due: Term 1, Week 6 Date: Friday 8th March 2023

Task Type: Hand in Task  In Class Task  Practical Task

<b>Outcomes assessed (NESA)</b>
<b>MA5.1-5NA, MA5.1-9MG, MA5.1-1WM, MA5.1-2WM, MA5.1-3WM</b>
Please Note: Further information about these outcome codes can be found on the NESA Website
<b>Task Description/Overview</b>
This in class written examination will consist of short answer questions. No reference material is allowed during the examination  Time allowed: 45 Minutes (within 1 Period) Equipment Required: Black Pen(s) and a NESA approved calculator
<b>Detailed Assessment Task Description</b>
Students may be asked to:  <b>Indices</b> Describe numbers written in index form using terms such as base, power, index, exponent, express a number as a product of its prime factors, evaluating numbers expressed as powers of positive whole numbers, apply order of operations rules involving indices, recognise the link between squares and square roots and cubes and cube roots, translate numbers to index form (integral indices) and vice versa, use index laws to simplify expressions involving numerical bases, simplify algebraic expressions that include index notation.  <b>Number</b> (Scientific Notation and Significant Figures) - Identify significant figures, round numbers to a specified number of significant figures and decimal places, use symbols for approximation, write numbers in scientific notation.  Please Note: More detailed topic overviews are published on CANVAS

<b>Test/Examination Structure</b>	
<b>Section Description</b>	<b>Marks Available</b>
Indices	35
Number – Scientific Notation and Significant Figures	15
<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