



# JOHN EDMONDSON HIGH SCHOOL

## Assessment Notification

Faculty: Mathematics Course: Mathematics Standard 2 Year: 12

Assessment Task: 1

Assessment Weighting: 30%

Due: Term 4, Week 8 Date: Wednesday 29 November 2023

Task Type: Hand in Task  In Class Task  Practical Task

<b>Outcomes Assessed (NESA)</b>
<b>MS11-3, MS11-4, MS2-12-8, MS2-12-9, MS-12-10</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 multiple choice and short answer questions A Mathematics Standard 2 Reference Sheet will be provided Time allowed: 1 hour 30 minutes plus 5 minutes reading time Equipment Required: Black Pen(s), a NESA approved calculator and ruler
<b>Detailed Assessment Task Description</b>
Topics to be assessed will be:  <b>Working with Time:</b> Examination questions may require students to convert units of time including 12-hour and 24-hour clocks, interpret timetables and use them to solve problems, locate positions on the Earth's surface using latitude and longitude, find time differences between two places on Earth using time zones, solve problems involving Coordinated Universal Time and the International Date Line, solve practical problems using time zones in Australia and in neighbouring nations.  <b>Network Concepts:</b> Examination questions may require students to use network terminology and solve problems involving network diagrams, draw a network diagram to represent information given in a table, Find a minimum spanning tree and a shortest path from one place to another in a network.  Please Note: More detailed topic overviews are published on CANVAS

<b>Examination Structure</b>	
<b>Section Description</b>	<b>Marks Available</b>
<b>Section 1 – Multiple Choice</b>	
10 Multiple Choice Questions	10
<b>Section 2 – Short Answer</b>	
Working with Time	25
Network concepts	25
<b>Total Marks for this task</b>	<b>60</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