



# JOHN EDMONDSON HIGH SCHOOL

## Assessment Notification

Faculty: Science Course: HSC Investigating Science Year: HSC Year 12

**Assessment Task: Task 4: Trial Examination**

**Assessment Weighting: 30% Due: Term 3 Week 3-4 Date: 5<sup>th</sup> August- 16<sup>th</sup> August 2024**

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

### Outcomes assessed (NESA)

INS11/12-1- Develops and evaluates questions and hypotheses for scientific investigation.  
INS11/12-2- Designs and evaluates investigations in order to obtain primary and secondary data and information.  
INS11/12-4- Selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media.  
INS11/12-5- Analyses and evaluates primary and secondary data and information.  
INS11/12-6- Solves scientific problems using primary and secondary data, critical thinking skills, and scientific processes.  
INS12-12- Develops and evaluates the process of undertaking scientific investigations.  
INS12-13- Describes and explains how science drives the development of technologies.  
INS12-14 uses evidence-based analysis in a scientific investigation to support or refute a hypothesis  
INS 12-15- Evaluates the implications of ethical, social, economic, and political influences on science

### Task Description/Overview

The trial Examination will take place in the hall during the examination block from 1<sup>st</sup> August- 12th August.

Time: 3 hours + 5 minutes reading time

Task Description: The examination will total 100 marks and include 20 multiple-choice questions and a range of written responses. Multiple Choice answers are to be completed on the separate answer sheet provided.

### Detailed Assessment Task Description

The Trial Examination will have 2 Sections

Section 1: 20 multiple-choice questions

Section 2: Written responses based on Knowledge and Understanding, as well as Working Scientifically Skills.

Modules Assessed:

Module 5: Scientific Investigations

Module 6: Technologies

Module 7: Fact of Fallacy

Equipment Required: Pencil, Blue/Black Pen, ruler, eraser, sharpener and calculator.

<b>Test/Examination Structure</b>	
<b>Section Description</b>	<b>Marks Available</b>
<b>Section 1:</b> Multiple-Choice Questions	20
<b>Section 2:</b> Written responses ( Short and extended responses)	80
<b>Total Marks for this task</b>	<b>100</b>

<b>Assessment Criteria</b>		
<b>Grade</b>	<b>Description</b>	<b>Mark Range</b>
<b>Outstanding (O)</b>	The student has an extensive knowledge and understanding of the content and can readily apply this knowledge. In addition, the student has achieved a very high level of competence in the processes and skills and can apply these skills to new situations.	<b>84.5-100</b>
<b>High (H)</b>	The student has a thorough knowledge and understanding of the content and a high level of competence in the processes and skills. In addition, the student is able to apply this knowledge and these skills to most situations.	<b>69.5-84</b>
<b>Sound (S)</b>	The student has a sound knowledge and understanding of the content and has achieved a good level of competence in the processes and skills.	<b>49.5-69</b>
<b>Basic (B)</b>	The student has a basic knowledge and understanding of the content and has achieved a basic level of competence in the processes and skills.	<b>27.5-49</b>
<b>Limited (L)</b>	The student has an elementary knowledge and understanding in a few areas of the content and still requires further work to achieve competence in the processes and skills.	<b>0-27</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