



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Investigating Science Year: 12

Assessment Task: Processing Skills and Written Task

Assessment Weighting: 20% Due: Term 4 Week 8 Date: 28/11/2023

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

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
INS11/12-7 communicates scientific understanding using suitable language and terminology for a specific audience or purpose
INS12-12 develops and evaluates the process of undertaking scientific investigations

Task Description/Overview

This task assesses your ability to:

- (i) Process information and explain scientific investigations.
- (ii) Analyse data and problem solve using scientific understanding.
- (iii) Graph data and analyse graphs.

Detailed Assessment Task Description

This task will be completed during your Investigating Science lesson in P Lab 1 (Period 2).

Length of Assessment: 45 minutes plus 5 minutes reading time

Structure of Task: Total of 30 Marks

Short Answer Questions

Extended Response Questions

Topics to be assessed: Module 5: Scientific Investigations

Materials required: Scientific calculator, pens, pencil, ruler & eraser.

Assessment Criteria		
Grade	Description	Mark Range
Outstanding (O)	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.	84.5-100 %
High (H)	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.	69.5-84
Sound (S)	The student has a sound knowledge and understanding of the content and has achieved a good level of competence in the processes and skills.	49.5-69
Basic (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.	27.5-49
Limited (L)	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.	0-27

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