



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Investigating Science Year: HSC

Assessment Task: Task 2 – Practical Task

Assessment Weighting: 20% Due: Term 1, Week 10, 28/03/2023

Task Type: In class Task Practical Task

Outcomes assessed (NESA)

› Develops and evaluates questions and hypotheses for scientific investigation
INS11/12-1

› Designs and evaluates investigations in order to obtain primary and secondary data
and information INS11/12-2

› Conducts investigations to collect valid and reliable primary and secondary data and
information INS11/12-3

› Selects and processes appropriate qualitative and quantitative data and information
using a range of appropriate media INS11/12-4

› Solves scientific problems using primary and secondary data, critical thinking skills
and scientific processes INS11/12-6

Task Description/Overview

TOTAL MARKS: 45

This practical task consists of TWO components:

- Part A: Practical Task - In groups you will conduct a practical task.
- Part B: Practical Analysis - Individually you will analyse the practical completed in Part A by answering relevant questions.

Detailed Assessment Task Description

Your task involves:

- Part A: Practical Task - In groups of 3 you will conduct a practical task to demonstrate your skills in forming a hypothesis, conducting an investigation and recording data.

- Part B: Practical Analysis – In class Written component - Individually you will analyse the data collected in the practical completed in Part A, answer discussion questions and write an appropriate conclusion. Your graphing skills will also be assessed. This component will assess your ability to process and analyse data, identify sources of error, degrees of uncertainty, evaluate digital and analogue technologies as well as form conclusions.

Topics assessed: Module 6.

General information: This task will take place during periods 2 and 3 on Tuesday the 28th of March. You will be required to bring a pen, pencil, eraser, ruler and calculator.

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