



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Science Year: 8

Assessment Task: Practical Task

Assessment Weighting: 25% Due: Term 3 Week 7A Date: Tuesday 3rd September, 2024

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

WS4 Students question and predict by:

b. making predictions based on scientific knowledge and their own observations

WS5.2 Students plan first-hand investigations by:

a. collaboratively and individually planning a range of investigation types, including fieldwork, experiments, surveys and research

b. outlining a logical procedure for undertaking a range of investigations to collect valid first-hand data, including fair tests

c. identifying in fair tests, variables to be controlled (held constant), measured and changed

d. describing safety and ethical guidelines to be addressed

WS5.3 Students choose equipment or resources for an investigation by:

a. identifying suitable equipment or resources to perform the task, including safety equipment and digital technologies ICT

b. selecting equipment to collect data with accuracy appropriate to the task

WS6 Students conduct investigations by:

a. collaboratively and individually conducting a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed b. assembling and using appropriate equipment and resources to perform the investigation, including safety equipment

c. selecting equipment to collect data with accuracy appropriate to the task

d. following the planned procedure, including in fair tests, measuring and controlling variables

e. recording observations and measurements accurately, using appropriate units for physical quantities

f. performing specific roles safely and responsibly when working collaboratively to complete a task within the timeline

g. assessing the method used and identifying improvements to the method

Task Description/Overview

Part A: Practical Component - Group Task

Part B: In Class Component - Individually Completed

Detailed Assessment Task Description

PRACTICAL COMPONENT in the Lab (20 min) – Students complete a group task to perform a first-hand investigation, make observations and record results obtained. (10 marks)

IN CLASS COMPONENT - discussion questions (25 min) - Individually students will analyse data, perform calculations, complete discussion questions and write a conclusion relevant to the investigation performed. (15 marks)

Week 7: Tuesday 3rd September 2024

You must bring the following pieces of equipment; **Ruler, Calculator, Blue/Black Pen, Pencil, Eraser.**

Class	Teacher	Period	Room / Room Changes
8T	Mr Ojiba	5	D02
8O	Ms Inverarity	2	D03
8B	Mr Mitric	4	B01 – Room change to D02
8R	Ms Inverarity	5	D03
8U	Mr Karikari	5	PLAB1
8K	Dr Ali	5	D01
8V	Ms Kaushik	4	D04

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