



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Science Year: 10

Assessment Task: Task 4 Yearly Examination

Assessment Weighting: 25% Due: Week 1, 18th October Friday, Term 4 2024

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

SC5-7WS processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions
SC5-8WS applies scientific understanding and critical thinking skills to suggest possible solutions to identified problems
SC5-10PW applies models, theories and laws to explain situations involving energy, force and motion
SC5-11PW explains how scientific understanding about energy conservation, transfers and transformations is applied in systems
SC5-12ES describes changing ideas about the structure of the Earth and the universe to illustrate how models, theories and laws are refined over time by the scientific community
SC5-13ES explains how scientific knowledge about global patterns of geological activity and interactions involving global systems can be used to inform decisions related to contemporary issues
SC5-14LW analyses interactions between components and processes within biological systems
SC5-15LW explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society
SC5-16CW explains how models, theories and laws about matter have been refined as new scientific evidence becomes available
SC5-17CW discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials
SCLS-8WS recognises strategies to solve identified problems
SCLS-10PW explores a range of forces in everyday situations
SCLS-13ES identifies features of the Earth
SCLS-19LW explores ways in which science and technology have improved human health
SCLS-22CW recognises the properties of common substances
SCLS-23CW explores how common chemicals affect everyday life
SCLS-24CW investigates a variety of chemical changes

Task Description/Overview

Length of examination: ONE Science Lesson

Total Test Time: 45 Minutes

There are 3 sections:

- **Section A: (20 Marks)**
 - 20 Multiple choice questions.
- **Section B: (25 Marks)**
 - Short and Extended responses

Yearly examination: Total = 45 marks

Detailed Assessment Task Description

Science Yearly Exam will take place over during Science lesson.

10T	Period 3
10O	Period 1
10 B	Period 3
10 R	Period 1
10 U	Period 3 HSIE with Ms Newman
10 K	Period 1
10 C	Period 1

Working Scientifically Skills based questions

Year 10 (Knowledge and Understanding) Units include:

- My Chemical Romance
- Reproduction and Ethics, Biotechnologies
- Genetics and Evolution
- Motion (part of “The Space Traveller” unit)

Equipment required

Equipment: Pens (blue or black), pencils, rubber, ruler, board approved calculator.
(A periodic table will be provided)

Test/Examination Structure

Section Description	Marks Available
Section A – 20 Multiple Choice Questions	20
Section B – Short and Extended responses	25
Total Marks	45

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