



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Investigating Science Year: 11

Assessment Task: Depth Study – Life Skills

Assessment Weighting: 30% Due: Term 1 Week 8 Date: 14/3/2023

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

SCLS6-1	poses questions and hypotheses for scientific investigation
SCLS6-2	plans an investigation individually or collaboratively to obtain primary or secondary data and information
SCLS6-3	participates in investigations individually or collaboratively to collect primary or secondary data and information
SCLS6-4	collects and represents qualitative or quantitative data and information using media as appropriate
SCLS6-5	develops conclusions from primary or secondary data and information
SCLS6-6	uses strategies to solve scientific problems
SCLS6-7	communicates information about an investigation using scientific language and terminology

Task Description/Overview

You are to develop an investigation question that you will then explore through experimentation. You are required to design experiment/s, conduct them, review and modify as suitable. You are required to include an investigation report.

Detailed Assessment Task Description

Tasks:

1. Develop a question.
2. Perform an investigation.
3. Complete an investigation report.

Your scientific investigation report should include:

- A title
- Background research
- A scientific research question
- A scientific hypothesis
- Methodology
- Results
- Discussion
- Conclusion
- Reference list

Modules assessed: - Module 1: Cause and Effect - Observing
 - Working Scientifically Skills

This task is to be completed as a component of the Year 11 Depth Study requirements and **FOUR lessons during Week 6-7 Term 1** will be used to complete the first-hand investigation section of the task.

You are to ensure that your equipment list and risk assessment have been approved **by the end of Week 6 Term 1**.

At the completion of the time allocated to the depth study you are to submit a **final report** of your investigation assessment.

Assessment Criteria		
Grade	Description	Mark Range
Outstanding (O)	Student has demonstrated an extensive knowledge and understanding. Student represented quantitative data in a range of appropriate formats using digital technologies. Student communicated scientific understanding effectively using language that is clear and succinct to present a logical and cohesive report that followed the guidelines provided.	84.5-100
High (H)	Student has demonstrated a thorough knowledge and understanding. Student represented quantitative data in a range of appropriate formats. Student communicated scientific understanding using language that is mostly clear to present a well-organised report that followed the guidelines provided.	69.5-84
Sound (S)	Student has demonstrated a sound knowledge and understanding of circular motion. Student represented quantitative data in a range of appropriate formats. Student communicated scientific understanding using language that is mostly clear to present a report that followed the guidelines provided.	49.5-69
Basic (B)	Student has demonstrated a basic knowledge and understanding of circular motion. Student represented data in a logical format. Student communicated scientific understanding using basic language with limited scientific terminology to present a report that follows some guidelines.	27.5-49
Limited (L)	Student has demonstrated a limited knowledge and understanding of circular motion. Student represented data disorganised and not in an appropriate format. Student communicated scientific understanding using basic language to present a report that lacks any structure.	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

Life Skills Outcomes Worksheet
Stage 6

School:
Student:

Year:

Investigating Science Life Skills

Syllabus Outcomes		Achieved	Achieved with support	Notes:
SCLS6-1	poses questions and hypotheses for scientific investigation			
SCLS6-2	plans an investigation individually or collaboratively to obtain primary or secondary data and information			
SCLS6-3	participates in investigations individually or collaboratively to collect primary or secondary data and information			
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SCLS6-5	develops conclusions from primary or secondary data and information			
SCLS6-6	uses strategies to solve scientific problems			
SCLS6-7	communicates information about an investigation using scientific language and terminology			