



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Science Course: Physics Year: 12

Assessment Task: Task 2- Practical Task

Assessment Weighting: 20% Due: Term 1 Week 9 Date: 23/03/2023

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)

PH11-2 designs and evaluates investigations in order to obtain primary and secondary data and information

PH11-3 conducts investigations to collect valid and reliable primary and secondary data and information

PH11-4 selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media

PH11-5 analyses and evaluates primary and secondary data and information

PH11-6 solves scientific problems using primary and secondary data, critical thinking skills and scientific processes

PH 12-13 explains and analyses the electric and magnetic interactions due to charged particles and currents and evaluates their effect both qualitatively and quantitatively

Task Description/Overview

Practical Task performed individually.

The task will consist of three sections

Station 1

Station 2

Station 3

Total- 30 marks

Length of Task = 50 mins with 5 minutes reading time.

Module Assessed: Electromagnetism

Detailed Assessment Task Description

General Instructions- On day of task

The exam will consist of 3 stations, with 15min allocated to each station and 5min at the end to complete your working.

A formula/data sheet will be provided.

You will be assessed on:

- working scientifically skills
- process and problem solving skills
- graphing skills
- analysing and interpreting data

Equipment Required:
 Black/Blue pens, Pencils, Ruler, NESAs Approved Calculators, Rubber, Sharpener,
 Highlighters (optional)

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 (NESAs)
- 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