Gorokan High School

Year 12 Assessment Schedule 2023-2024

Physics

Task number	Task 1	Task 2	Task 3	Task 4	
Name of Task	In Class Practical Task	Depth Study	Research Task	Trial HSC Examination	
Timing	Term 4, Week 9	Term 1, Week 10	Term 2, Week 9	Examination Period	
Outcomes assessed	PH11/12-1,2,3 PH12-12	PH11/12- 4,5,6,7 PH12-12	PH11/12-4,5,6,7 PH12-14	PH11/12-1,2,3,4,5,6,7 PH12-12,13,14,15	
Components					**Task Weighting %**
Skills in Working Scientifically	15	20	15	10	60
Knowledge and understanding	5	10	5	20	40
Total %	**20**	**30**	**20**	**30**	**100**

Course Outcomes:

Skills:

PH11/12-1 develops and evaluates questions and hypotheses for scientific investigation
PH11/12-2 designs and evaluates investigations in order to obtain primary and secondary data and information
PH11/12-3 conducts investigations to collect valid and reliable primary and secondary data and information
PH11/12-4 selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media
PH11/12-5 analyses and evaluates primary and secondary data and information
PH11/12-6 solves scientific problems using primary and secondary data, critical thinking skills and scientific processes
PH11/12-7 communicates scientific understanding using suitable language and terminology for a specific audience or purpose

Knowledge and Understanding:

PH12-12 describes and analyses qualitatively and quantitatively circular motion and motion in a gravitational field, in particular, the projectile motion of particles
PH12-13 explains and analyses the electric and magnetic interactions due to charged particles and currents and evaluates their effect both qualitatively and quantitatively
PH12-14 describes and analyses evidence for the properties of light and evaluates the implications of this evidence for modern theories of physics in the contemporary world
PH12-15 explains and analyses the evidence supporting the relationship between astronomical events and the nucleosynthesis of atoms and relates these to the development of the current model of the atom