Hills Grammar

ASSESSMENT GRID: YEAR 11 PHYSICS 2025

Assessment Task	AT 1	AT 2	AT 3	
	Term 1 Week 11A Set Date Tuesday, 8 April 2025 **Period 4: 11PHY01** **Period 3: 11PHY02** In Class	Term 2 Week 8B Set Date Monday, 16 June 2025 **Period 1 and 2** **Both classes – double period task** **Year 11 PHY01 out class** **Year 11 PHY02: Period 1 (out of class) and Period 2 (in class)** In Class / Hand In	Term 3 Week 8B As per examination timetable Select Date (exclude if exam) Examination	
Outline / Description	**First-Hand Investigation** This will be carried out in class; students will carry out a first-hand investigation to collect and analyse data.	**Depth Study** This will involve students carrying out a depth study that includes researching, designing and constructing a working model related to a concept identified in the waves module	**Yearly Examination** Examination includes modules 1-4	
Outcomes	PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7, PH11-8, PH11-9	PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7, PH11-10	PH11/12-2, PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7, PH11-8, PH11-9, PH11-10, PH11-11	
Component				**Weightings**
Skills in Working Scientifically	20%	20%	20%	60%
Knowledge and Understanding	10%	10%	20%	40%
Marks	**30%**	**30%**	**40%**	**100%**

Hills Grammar

ASSESSMENT GRID: YEAR 11 PHYSICS 2025 | OUTCOME STATEMENTS

Course Outcomes	
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
PH11-8	Describes and analyses motion in terms of scalar and vector quantities in two dimensions and makes quantitative measurements and calculations for distance, displacement, speed, velocity and acceleration
PH11-9	Describes and explains events in terms of Newton's Laws of Motion, the law of conservation of momentum and the law of conservation of energy
PH11-10	Explains and analyses waves and the transfer of energy by sound, light and thermodynamic principles
PH11-11	Explains and quantitatively analyses electric fields, circuitry and magnetism