

ACADEMIC PROGRAMS

Semester I

Year 12 Physics

Disclaimer

Under QSA guidelines summative assessment depends on the fullest and latest information on a student's performance, based on a process of continuous assessment. This gives a stability to teacher judgments and shows how students progress. Thus formative assessment informs the end-of-course summative judgment.

And

Unless otherwise specified Year 11 Assessment is Formative and Year 12 Assessment is Summative.

FAIRHOLME SCIENCE DEPARTMENT

Course: Grade 12 Physics

Outline: SEMESTER 1, 2017



Introduction:

Term One

- Using and Producing Electricity

The interaction between magnetic fields and moving charges forms the core of the electricity unit. Methods of generating and distributing electricity will also be studied. Devices that use electricity such as motors, heaters and lighting will be investigated.



Term Two

- Heating and Cooling our Homes...

'Heating and Cooling our Homes' is a unit concerned with heat gain/loss through the mechanisms of conduction, convection and radiation. The problem lies in identifying and controlling the ways in which these mechanisms act in a particular scenario.



Assessment Summary:

Term One

Week	Date	Assessment Task
Week 9	Exam Block	Task 5 – SA (Written Exam 2 Hours)

Term Two

Week	Date	Assessment Task
Week 7	Due May 29 th (Pre assessment block)	Task 6 – EEI (Extended Experimental Investigation)

