

PHYSICS

Elective Learning Area

Science

Pathways

Year 11 Physics

Structure

Areas of study	Core topics
Introduction to Physics	<ul style="list-style-type: none">Introduce the language and conventions used in Physics.
Energy	<ul style="list-style-type: none">Research technologies related to thermal energy, energy production and efficiency.
Motion	<ul style="list-style-type: none">Utilise Newton's laws to understand motion in two dimensions.
Waves	<ul style="list-style-type: none">Identify the properties of waves and how they transfer energy.
Solar System Physics	<ul style="list-style-type: none">Explore the Physics concepts that govern the movement of objects in the solar system
Electricity	<ul style="list-style-type: none">Investigate the movement of electrical charge and the basic components of an electric circuit.

Assessment

Written Examinations

Student Experiment (with Written Report)

Research Investigation

Data Test

Additional Costs

NIL unless excursions are arranged