

PHYSICS

STATUS:	ELECTIVE		
COURSE OVERVIEW:	<p>This subject has three main objectives</p> <ul style="list-style-type: none"> ▪ To prepare students to think critically about the impact of Physical Science and Technology on their current and future lives ▪ To improve student understanding of scientific process ▪ To prepare students for Senior Physics by introducing them to the fundamental skills and concepts underpinning the course in Year 11 and 12. 		
COURSE OUTLINE:	<p>The curriculum will be based on The Australian National Curriculum</p> <ul style="list-style-type: none"> ▪ Introduction to Physical sciences – Energy conservation and science of motion. ▪ The Universe. ▪ Forces ▪ Thermodynamics. 		
COURSE ASSESSMENT:	<p>Assessment tasks will mirror the assessment types students will encounter in Year 11 and 12. The students will be graded against the standards for Year 10 Science in the Australian National Curriculum</p> <ul style="list-style-type: none"> ▪ Data Test ▪ Research Investigation ▪ Examination ▪ Student Experiment 		
STUDY REQUIREMENTS:	<p>30 minutes homework per night. Completion of key assessment task work.</p>		
SPECIAL REQUIREMENTS:	<p>Participation in possible excursions.</p>		
POSSIBLE CAREER PATHWAYS:	<p>Agronomist Electrician Medicine Biotechnology Biomechanics Hydrologist</p>	<p>Architect Engineer Meteorology Astronomy Surveyor Dentist</p>	<p>Radiographer Radio Technician Physiotherapy Electronics Pathology Optometry</p>
PARENT/CARER SUPPORT:	<p>Encourage an interest in scientific issues Encourage an interest in Physics based issues. Encourage students to read. Monitor the completion of key assessment tasks.</p>		