

SCIENCE

Status	Elective
Course Overview	<p>In the Year 10 curriculum students explore systems at different scales and connect microscopic and macroscopic properties to explain phenomena. Students explore the biological, chemical, geological and physical evidence for different theories, such as the theories of natural selection and the Big Bang.</p> <p>Students develop their understanding of atomic theory to understand relationships within the periodic table. They understand that motion and forces are related by applying physical laws. They learn about the relationships between aspects of the living, physical and chemical world that are applied to systems on a local and global scale and this enables them to predict how changes will affect equilibrium within these systems.</p>
Course Outline	<p>The curriculum will be based on The Australian National Curriculum and will include:</p> <ul style="list-style-type: none"> • Biological Science • Chemical Science • Physical Science • Earth and Space Science
Course Assessment	<p>Each term students will be assessed using a variety of methods ranging from, but not limited to:</p> <ul style="list-style-type: none"> • Multiple choice exam questions • Short Response exam questions • Extended response exam questions • Written scientific reports
Study Requirements	20 minutes of homework per night and completion of key assessment tasks.
Special Requirements	Students must maintain a minimum <i>Satisfactory</i> rating in Effort and Behaviour categories to maintain their position in this subject.
Possible Career Pathways	This course satisfies the pre-requisite demands of the Defence Forces general Year 10 entry requirements. This subject also satisfies the requirements of some Vocational pathways that require completion of a Year 10 Science subject, such as Technical Trade Apprenticeships.
Parent/Carer Support	<p>Encourage participation in pre-requisite Sciences to support future career pathways.</p> <p>Monitor completion of key assessment tasks.</p>

NB. This course does not meet the prerequisite to enter Year 11 Biology, Chemistry, Physics or Marine Science.