CABOOLTURE STATE HIGH SCHOOL

Making the difference today ... for tomorrow

YEAR 9

SCIENCE

DURATION OF SUBJECT	FULL YEAR
FINANCIAL COMMITTMENT	REFER TO FEE SCHEDULE
COURSE REQUIREMENTS	The STUDENT RESOURCE SCHEME provides students the use of Microscopes and Science Text Books, as required, and materials for classroom activities, such as photocopied class notes; experimental equipment and chemicals and safety equipment - aprons, safety goggles.

COURSE CONTENT

UNIT 1	ASSESSMENT
PHYSICS | STEAM PUNK Examine, inquire and explain ways in which energy can be transferred through different mediums using the particle model. They build their knowledge of energy transfer to include the wave-based models of energy transfer including sound and light. Students investigate wave motion and the variations to sound and light transfer caused by differing materials. They explore ways in which humans have used and controlled sound and light energy transfer for practical purposes.	Experimental investigation
UNIT 2	**ASSESSMENT**
BIOLOGY | THE WORLD WE LIVE IN They explore ways in which the human body as a system responds to its external environment and the interdependencies between biotic and abiotic components of ecosystems.	Research investigation
UNIT 3	**ASSESSMENT**
CHEMISTRY | EXPERIMENT RADIOACTIVITY Chemical processes and natural radioactivity in terms of atoms and energy transfers and describe examples of important chemical reactions.	Exam
UNIT 4	**ASSESSMENT**
EARTH SCIENCE | DON'T BLOW YOUR TOP 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	Research Investigation

CAREER PATHWAYS

Engineer, Oceanographer, Electrician, Radio Technician, Architect, Environmental Health Officer, Hydrologist, Physicist, Lab Technician, Dentist, Optometrist, Doctor, Audiologist, Agricultural Scientist, Taxidermist, Science Teacher, Metallurgist, Chemist, Forensic Scientist, Forest Ranger, Pathologist, Radiographer Bacteriologist, Dietician, Zoologist, Veterinarian, Mineralogist