



CABOULTURE

STATE HIGH SCHOOL

Making the difference today ... for tomorrow

YEAR 7

SCIENCE

DURATION OF SUBJECT	FULL YEAR	
FINANCIAL COMMITMENT	REFER TO FEE SCHEDULE	
COURSE REQUIREMENTS	The STUDENT RESOURCE SCHEME offers student 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	
Chemistry Mix it up Students describe techniques to separate pure substances from mixtures. Students identify questions that can be investigated scientifically. They plan fair experimental methods, identifying variables to be changed and measured. They select equipment that improves fairness and accuracy and describe how they considered safety. Students draw on evidence to support their conclusions.	Experimental investigation	
UNIT 2	ASSESSMENT	
Physics May the force be with you Students consider the interaction between multiple forces when explaining changes in an object's motion. They select equipment that improves fairness and accuracy and describe how they considered safety.	Exam	
UNIT 3	ASSESSMENT	
Earth Science Space Exploration Students can investigate relationships in the Earth-sun-moon system and use models to predict and explain events. Students describe situations where scientific knowledge from different science disciplines and diverse cultures has been used to solve a real-world problem. They explain possible implications of the solution for different groups in society, summarizing data from different sources, and describing trends and referring to the quality of their data when suggesting improvements to their methods.	Research Investigation	
UNIT 4	ASSESSMENT	
Biology Finding Nemo Students explore the diversity of life on Earth and continue to develop their understanding of the role of classification in ordering and organising information. They use and develop models such as food chains, food webs and matter through ecosystems and explore the impact of changing components within these systems. They communicate their ideas, methods and findings using scientific language and appropriate representations.	Exam	
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		
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