



INCOMPATIBLE SUBJECTS	NIL	DEPENDENT SUBJECTS	NIL
PRE REQUISITE SUBJECTS	NIL	POTENTIAL QCE POINTS	
FINANCIAL COMMITMENT		CONTRIBUTES TO ATAR Only 1 Applied subject will contribute to an ATAR, if studied with 4 General subjects.	

COURSE CONTENT

UNIT 1	UNIT 2	UNIT 3	UNIT 4
Module 1: Forensic Science Module 2: Drugs	Module 3: Consumer Protection Module 4: Microorganisms in Food	Module 5: Health and Disease Module 6: Water Testing	Module 7: Simple Machines Module 8: Photography
ASSESSMENT	ASSESSMENT	SUMMATIVE ASSESSMENT	SUMMATIVE ASSESSMENT
Module 1: Collection of Work Module 2: Examination	Module 3: Investigation Module 4: Project	Module 5: Examination Module 6: Investigation	Module 7: Project Module 8 Collection of Work

COURSE REQUIREMENTS

Science in Practice is an Applied Senior Science subject. Science and technology play significant and increasing roles in everyday life. Students need to be scientifically literate to participate effectively in society and to have an informed voice in charting the future.

Scientific literacy is a way of thinking and a way of viewing and interacting with the world that is developed through engaging in the practical and analytical approaches of scientific enquiry.

Students develops critical thinking skills through the evaluation of claims using systematic reasoning and an enhanced scientific understanding of the natural and physical world.

Science in Practice employs a contextual approach that includes aspects of at least two science disciplines – Biology, Chemistry, Physics or Earth and Environmental Science.

It is a practical subject with experiments and hands-on investigations. These activities engage students as well as develop a deeper understanding of the nature of science and problem solving skills.

CAREER PATHWAYS

A course of study in Science in Practice is inclusive and caters for a wide range of students with a variety of backgrounds, interests and career aspirations.

It can establish a basis for further education and employment in many fields, e.g.-

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|---------------------|-------------------------|
| Animal Welfare | Pharmaceutical Industry |
| Food Technology | Recreation and Tourism |
| Forensics | Research |
| Health and Medicine | The Resources Sector |

INTERNET LINKS

QCAA SUBJECTS | <https://www.qcaa.qld.edu.au/senior/senior-subjects/sciences/science-in-practice>

