Science
Year 9

Delivery mode
Online course. Internet access essential.
Online lessons are delivered through the EQ web conference.
Lessons utilise content provided via the online Blackboard course for this subject. Students should refer to the Work Rate Calendar to identify when work needs to be submitted.

Time commitment
Australian Curriculum Science is written for three 70 minute sessions each week. The length of scheduled lessons/tutorials may vary depending upon the content and activities that are being covered. Additional time may be needed to study course content and complete assignments.

Pre-requisites
Nil

Course outline
Year 9 Science is a year-long course. Units integrate the strands Science Understanding (SU), Science as a Human Endeavour (SHE) and Science Inquiry Skills (SIS).

Semester 1
- Earth and Space Sciences
- Chemical Sciences

Semester 2
- Biological Sciences
- Physical Sciences

Assessment
Students are required to regularly submit formative and summative assessment tasks. Summative tasks will cover a range of assessment techniques including:
- exams (online and paper-based)
- experimental investigations (including science journal and reports)
- research assignments
- multi-modal presentations

Requirements

Resources/Textbook
Science Quest 9 for the Australian Curriculum 2E eBookPlus is included in the Jacaranda Digital Bundle subscription, purchased upon enrolment at BrisbaneSDE. NB: Students may be required to obtain other commonly available materials to complete practical activities (please see booklist on BrisbaneSDE website).

Home Based Supervisor
Home Based Supervisor to read and sign Science Safety Rules – Home Based Supervisor Agreement. Distributed to parents/students at the commencement of the course.

Equipment
- a computer with broadband internet connection and Microsoft Office (2007 onwards) or equivalent
- headset with microphone for scheduled lessons and audio work
- suitable space and adult supervision for controlled laboratory-style work (clear bench space, ready access to water supply, first-aid and cleaning equipment)
- personal protective equipment, specifically eye protection (clear goggles/protective glasses), apron or lab coat, disposable gloves and fully enclosed shoes
- basic kitchen ingredients and equipment (measuring cups/spoons, scales, trays, etc). A Science kit is provided, containing scientific materials not readily available. Some items will need to be purchased.
- stop-watch or similar timer (e.g. mobile phone timer)

DISCLAIMER: All information contained is accurate at the time of publication.