



Belconnen High School

COURSE OUTLINE Semester 2, 2026

Course Title: **8 Science Inclusion Education**

Faculty: **Science**

Faculty Head: Leanne Claridge

Description of Course

Year 8 students have multiple opportunities to develop and demonstrate their skills in scientific investigations, including through their Science Fair projects throughout the semester. They compare different forms of energy and represent transfer and transformation of energy in simple systems. Students classify and represent different types of matter and distinguish between physical and chemical change. They explore how different factors influence the development of scientific knowledge. Students will analyse the importance of science communication in shaping viewpoints, policies and regulations.

Learning Outcomes

- Identifies variables to be changed and measured
- Uses equipment to generate data with appropriate precision
- Adopts text structures to organise, develop and link ideas when writing and creating
- Constructs representations to organise data and information and describes patterns, trends and relationships
- Compares their methods and findings to those of others, identifies possible sources of error in their investigation, poses questions for further investigation and draws reasoned conclusions
- Uses language features that reflect their purpose and audience when communicating their ideas and findings
- Compares different forms of energy and represents transfer and transformation of energy in simple systems
- Classifies and represents different types of matter and distinguishes between physical and chemical change

Materials Required

Students will have access to a google classroom where class tasks and assessment items will be displayed, therefore a device is required. The assessment dates for this subject will appear on the students google calendar. Students can refer to the BHS Study Skills Guide and the BHS website for assistance with assessment tasks. The Assessment and Reporting Policy is available on the school website. Items Required Chromebook or suitable device Notebooks, pencil case and equipment.

Homework Required

Students will be expected to complete a variety of tasks outside of class time. This may include, teacher-set homework, research for tasks, revision for tests, review of class work and more. PLEASE NOTE: We are planning to deliver all of these outcomes, as part of Inclusive Education we cannot guarantee all are delivered by the end of the reporting period as we conduct full learning cycles per outcome. Outcomes not taught will be left off students final report.

Assessment Schedule

	Due Date	% Weighting
Science Fair	21/08/2026	
Energy Test	14/09/2026	
Chemistry booklet	23/11/2026	
Classwork ongoing	04/12/2026	

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