



Belconnen High School

COURSE OUTLINE Semester 2, 2026

Course Title: **7 Technology**
Faculty Head: Jo Hopman

Faculty: **Technologies**

Description of Course

This course introduces and develops skills across the Applied, Food, Digital and Design Technologies subjects. Over the course of the semester, students will complete practical projects in wood technology and 3D manufacturing, learn the habits and patterns surrounding the cooking and serving of food, and develop their understanding of the fundamental principles and concepts of computing.

Learning Outcomes

- Acquires, interprets and models data with spreadsheets and represents data with integers and binary
- Creates and adapts design ideas, processes and solutions, and justifies their decisions against developed design criteria that include sustainability
- Designs and traces algorithms and implements them in a general-purpose programming language
- Selects appropriate hardware for particular tasks, explains how data is transmitted and secured in networks, and identifies cyber security threats
- Communicates design ideas and solutions to audiences using technical terms and graphical representation techniques, including using digital tools
- Independently and collaboratively documents and manages production processes to safely produce designed solutions
- Adopts text structures to organise, develop and link ideas when writing and creating

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.

Assessment Schedule	Due Date	% Weighting
Computing Principles	15/08/2026	
Programming Activity	29/08/2026	
3D Manufacturing	23/09/2026	
Cooking Practical	25/09/2026	
Name Tag	31/07/2026	
Pencil Box	21/08/2026	
Practical Reflections	25/09/2026	