



Belconnen High School

COURSE OUTLINE Semester 2, 2026

Course Title: **7 Numeracy**
Faculty Head: Abhinay Chand

Faculty: **Mathematics**

Description of Course

This semester, students develop their skills in geometry, measurement, statistics, and probability. They convert between common units of measurement and explore angle relationships, calculate areas of rectangles. Students apply knowledge of angle relationship of triangles to solve problems. In statistics, they collect data, interpret graphs, and justify their choice of summary statistics. In probability, they predict outcomes, assign probabilities and compare expected and observed results. Throughout the semester, students apply reasoning and problem-solving strategies to deepen their understanding.

Learning Outcomes

- Adopts text structures to organise, develop and link ideas when writing and creating
- Applies knowledge of angle relationships and the sum of angles in a triangle to solve problems, giving reasons
- Plans and conducts statistical investigations involving discrete and continuous numerical data, using appropriate displays
- Interprets data in terms of the shape of distribution and summary statistics, identifying possible outliers
- Lists sample spaces for single step experiments, assigns probabilities to outcomes and predicts relative frequencies for related events
- Converts between common units of length, mass and capacity
- Uses the formula for the area of a rectangle and angle properties to solve problems

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, a notebook, pencil case and a calculator.

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
Measurement Task	13/08/2026	
Angles Test	14/09/2026	
Statistics Assignment	09/11/2026	
Probability Test	30/11/2026	
Classwork	04/12/2026	