



# CAMPBELL HIGH SCHOOL

## COURSE OUTLINE

### Semester 2 2017

**Year 8 Mathematics - Core**

Teachers: **Horan, Mridha, Kennedy, George, Tabi, Troy, Barrett**

#### **Course Description**

This class is following the Core Mathematics Pathway. This pathway is for students who are able to independently access the skills, issues, themes and concepts covered by the Mathematics Achievement Standards for their age group.

#### **Learning Outcomes**

- Choose appropriate language to describe events and experiments
- Able to determine complementary events and calculate the sum of probabilities
- Make connections between expanding and factorising algebraic expressions
- Ability to simplify a variety of algebraic expressions
- Solve linear equations and graph linear relationships on the Cartesian plane
- Model authentic situations with two-way tables and Venn diagrams
- Explanation of issues related to the collection of data and the effect of outliers on means and medians in that data.
- Solve problems involving congruency, transformations and parallel lines

#### **Work Practice Outcomes**

- Cooperates with teacher and other students
- Exhibits a self-disciplined approach to work
- Completes set homework
- Completes set class work

#### **Materials Required**

Calculator, writing materials (pens, pencils, etc), ruler, eraser and an exercise book

#### **Typical Homework**

Homework will be set on: <[www.mymathsonline.com.au](http://www.mymathsonline.com.au)>

All students will have their own unique login and password to access specific tasks. Students who have difficulty accessing the internet may use the computers in the library or attend tutorials every Thursday at long break. Homework may also include topic investigations as well as completion and revision of classwork.

#### **Assessment Items**

- Common test 1
- In class assessment
- Common test 2
- In class assessment
- Bookwork / Homework

#### **Due Date**

- Week 5
- Week 8
- Week 12
- Week 17
- Ongoing

Parent Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

Date