



# CAMPBELL HIGH SCHOOL

## COURSE OUTLINE

### Semester 2 2017

*Year 7 Mathematics*

Teacher: Tabi, Kennedy, Brown, Troy, Mridha, Castle, Rodriguez

#### **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**

Represents numbers using variables and connects the laws and properties for numbers to algebra

Interprets and models simple linear equations

Solves problems involving angles formed by a transversal crossing two parallel lines.

Applies transformations to a variety of shapes

Identifies issues involving collection of numerical data

Calculates and interprets mean, median, mode and range for sets of data.

Constructs data displays including stem-and-leaf plots and dot-plots

Determines probabilities for experiments with equally likely outcomes

#### **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

#### **Due Date**

Week 6

In-class activity

Week 10

In-class activity

Week 13

Common test

Week 17

Bookwork / Homework

Ongoing

Spelling words

Ongoing

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

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

Date