



CAMPBELL HIGH SCHOOL COURSE OUTLINE Semester 2 2017

Year 9 Australian Curriculum Mathematics – Core

Teachers: Troy, Brown, Manku, Rodriguez, Tabi, Mridha, Ladamirski.

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

- Apply trigonometry to solve right-angled triangle problems
- Factorise quadratic expressions and solves problems involving non-linear relationships
- Graph non-linear relationships
- Solve problems involving financial mathematics
- Solve problems involving surface area and volume of a variety of shapes
- Apply a variety of statistical techniques to collect, investigate and analyse data
- Use theoretical and practical methods to solve probability problems

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>

All students will have their own unique logon 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
- In class assessment
- In class assessment
- In class assessment
- Common test
- Homework

Due Date

- Week 2
- Week 5
- Week 9
- Week 14
- Week 17
- Ongoing