

**Ringwood Secondary College**  
**2017 Course Planning Document**

## **VCE Unit 1 Foundation Mathematics**

### **Time Allocation**

This unit of work will consist of approximately 100 hours of which at least 50 hours will be class time.

**To complete this unit of work satisfactorily, students must complete each of the following learning outcomes.**

### **Learning Outcomes**

#### **Outcome 1**

The student should be able to confidently and competently use mathematical concepts and skills from Space, Shape and Design, Patterns and Number, Data and Measurement areas of study.

#### **Outcome 2**

The student should be able to apply and discuss mathematical procedures to solve practical problems in familiar and new contexts, and communicate their results.

#### **Outcome 3**

The student should be able to select and use technology to apply mathematics in a range of practical contexts.

### **Assessment Tasks**

#### **1. Percentage/Numeracy Test**

The student is required to demonstrate the skills and knowledge involved with the use of percentages and numeracy in everyday situations.

**Weighting:** This task is worth 20% of the overall grade.      **Time allocated to task:** 1 period  
**Due:** Term 1, Week 4

#### **2. Buying and costs of owning a Car**

The student is required to investigate the procedures and costs involved in getting a driving licence and buying and running a car.

**Weighting:** This task is worth 20% of the overall grade.      **Time allocated to task:** 6 periods  
**Due:** Term 1, Week 7

#### **3. Planning a Dinner Party**

The student is required to investigate recipes and quantities to plan, order and cost a Dinner party for 12 people.

**Weighting:** This task is worth 20% of the overall grade.      **Time allocated to task:** 6 periods  
**Due:** Term 2, Week 7

#### **4. Variety of exercises and general tasks**

The student is required to complete a wide variety of work sheets and specific tasks during class time, designed to enhance their understanding of the different areas, especially the use of Percentages.

**Weighting:** This task is worth 10% of the overall grade

**Due: Term 2, Week 7.**

#### **5. Semester Examination**

The student is required to apply knowledge and understanding of the skills and concepts covered in Unit 1.

**Weighting:** This task is worth 30% of the overall grade

**Time allocated to task:** 90 minutes

**Date: Term 2, Week 8**

#### **Assessment**

Topic Projects/Test	60%
Classwork/tasks	10%
Exam	30%