

Ringwood Secondary College
2017 Course Planning Document

VCE Unit 2 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

On completion of this unit the student should 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. Designing a Dream Home

The student is required to investigate the procedures and costs involved in designing and constructing their dream home taking into account the use of measurement concepts.

Weighting: This task is worth 20% of the overall grade.

Time allocated to task: 6 periods

Due: Term 3, Week 5.

2. Planning a Holiday

The student is required to plan a 2-week holiday to a variety of destinations, outlining places of interest, accommodation, and costs involved.

Weighting: This task is worth 20% of the overall grade.

Time allocated to task: 6 periods

Due: Term 3, Week 9

3. Data Investigation

The student is required to complete a data investigation involving research, analysis and presentation of results.

Weighting: This task is worth 20% of the overall grade

Time allocated to task: 6 periods

Due: Term 4, Week 4

4. Variety of exercises and general tasks

The student is required to complete a wide variety of work sheets and specific tasks designed to enhance their understanding of the different areas.

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

Due: Term 4, Week 6

5. Semester Examination

The student is required to apply knowledge and understanding of the concepts covered during the Foundation mathematics course.

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

Time allocated to task: 90 minutes

Due: Term 4, Week 7

Assessment

Topics Projects/Assignments 60%

Classwork/activities 10%

Exam 30%