

Ringwood Secondary College
2017 Course Planning Document

VCE Unit 1 Biology

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. A detailed timetable listing period and work requirements for each term will be provided at the start of the term.

Learning Outcomes

Outcome 1 On completion of this unit the student should be able to investigate and explain how cellular structures and systems function to sustain life.

Outcome 2 On completion of this unit the student should be able explain how various adaptations enhance the survival of an individual organism, investigate the relationships between organisms that form a living community and their habitat, and analyse the impacts of factors that affect population growth.

Outcome 3 On completion of this unit the student should be able to design and undertake an investigation related to the survival of an organism or species, and draw conclusions based on evidence from collected data.

Assessment Tasks

1. Practical activities requiring a written report in a specified style.

Weighting: This task is worth 25% of the overall grade

Time allocated to task: 7 periods

Due: throughout the semester

2. Topic Tests at the end of each topic

Weighting: This task is worth 25% of the overall grade

Time allocated to task: 3 periods

Due: throughout the semester

3. **Written report of an extended practical activity (outcome 3)**

Students will be required to design an experiment to investigate a biological concept

Weighting: This task is worth 25% of the overall grade

Time allocated to task: 6 periods

Due: Week 9 Term 2

4. Semester Examination The student is required to apply knowledge and understanding of the relationship between features and requirements of functioning organisms.

Weighting: This task is worth 25% of the overall grade

Time allocated to task: 90 mins

Due: Term 2, Week 8