

ACADEMIC PROGRAMS

Semester I

Year 12

Biology

Disclaimer

Under QSA guidelines summative assessment depends on the fullest and latest information on a student's performance, based on a process of continuous assessment. This gives a stability to teacher judgments and shows how students progress. Thus formative assessment informs the end-of-course summative judgment.

And

Unless otherwise specified Year 11 Assessment is Formative and Year 12 Assessment is Summative.

FAIRHOLME SCIENCE DEPARTMENT

Course: Grade 12 Biology

Outline: SEMESTER 1, 2017

Introduction: In Semester 1, students will learn about plant physiology; specifically, students will conduct an investigation into an Agricultural Issue affecting plant growth. Students will also learn about the smallest functional unit of life – the cell.

Term One – The Green Machine

- Factors influencing Plant Germination
- Factors affecting Plant Growth
- The Scientific Method

Term Two – Under the Microscope

- Eukaryotic and Prokaryotic Cells
- Plant and Animal Cells
- Cellular Transport
- Cell Division and Cancer

Assessment Summary:

Term One – The Green Machine

Week	Date	Assessment Task	Formative/Summative
8	Monday 20 th March	Extended Experimental Investigation	Summative

Term Two – Under the Microscope

Week	Date	Assessment Task	Formative/Summative
7	Exam Block	2 Hour Written Examination	Summative

