AVONSIDE GIRLS' HIGH SCHOOL

LEVEL 2 SCIENCE, SCI 222
Course Statement 2009

Learning Outcomes

- To use the specific subject skills of focusing and planning investigations, information gathering of data, processing and interpreting data, and reporting collected and /or processed data.
- To understand biological and chemical concepts and to be able to apply knowledge to new situations.

Content

- Investigate patterns and relationships in biological populations and communities.
- Collect, record, process and interpret biological and chemical data.
- Research information to present a scientific report.
- Biology: Gain knowledge and understanding of ecology, cell biology and living processes.
- Chemistry: Gain knowledge of acid-base reactions and organic compounds. The emphasis is on acquiring good practical skills.

Assessment Opportunities

See the tracking sheet for details.

Reassessment Opportunities

There are reassessment opportunities for AS90460, US8927 (the theoretical component), US8928, and part of US8925.

Procedures for Review of Mark or Grades

1 All tests, assignments and practical work will be marked using a common marking schedule across the appropriate senior subject.

2 Students will have the opportunity to compare their answers and working with those on the marking schedule when their test papers and assignments are returned to them.

3 Any queries about assessment decisions should be made to the class teacher when the task is handed back. Formal appeals should be made within a school week of the assessed work being returned, to Ms Karen Powell, Head of Science, who will investigate it further, or to Mrs Rid (Biology assessments), Mrs Daines (Chemistry assessments), or to the Principal's Nominee, Ms Lynch in term 1 or Mrs Butler in terms 2-4.

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SCI222 TRACKING SHEET 2009

Name: _____ Form:_____

Internal Achievement Standards

Achievement Standard	Assessed grade	Date	Re-assessment Grade	Date
Biology AS90460 v2 (3 credits) Investigate an interrelationship or pattern in an ecological population or community.		12th March plus class time		6-9th April
ScienceAS 90771 v1 (3 credits) Research information to present a scientific report.		12th-30th October		
Chemistry AS90305 v2 (3 credits) Qualitative analysis.		11th-22nd May		
Chemistry AS90306 v2 (3 credits) Carry out an acid-base volumetric analysis.		10th-21st August		

Internal Unit Standards

Unit Standard	Result	Date	Re-assessment Result	Date
Biology US8927 v4 (3 credits) Investigate structure and function in cells.		8th-26th June		29th June – 3rd July
Biology US8928 v3 (3 credits) Use a microscope to investigate biological material.		TBA		
Biology US8925 v3 (3 credits) Investigate diversity in animals		7th-18th September		21st-25th September

External Achievement Standard

Chemistry AS90309 v2 (4 credits) Describe the structural formulae and reactions of compounds containing selected organic functional groups.	Formative test		