

Unit & Assessment Outline for Students & Parents.

Year	2018	Semester	2	Grade	12	Unit Value	0.5 (ACT)
Curriculum	ACT and PNG						
Subject Title/s	Biology						
Course Name	Biology T						
Code/Unit	ACT: Unit 4 The Internal Environment PNG: 12. 3 Genetics, 12.4 Evolution, 11.5 Response to Stimuli						

Assessment Tasks

Week Due	Topic(s)	Type of Task	Weighting
3	Dihybrid and patterns of inheritance	Assignment	50%
6	Evolution & Response to Stimuli	Test	50%

ACT. Learning outcomes against which the students will be reported.

Recalls facts, definitions and scientific principles.
Applies concepts and links knowledge in unfamiliar situations.
Designs, performs, undertakes and reports on scientific investigations.
Communicates scientific ideas and information with relevance and logical development.

PNG. Assessment Criteria.

students will be assessed on the degree to which they demonstrate:

- knowledge and understanding
- critical thinking
- investigative skills
- communication skills
- effective work practices

Assessment Rubrics will be provided with different assessment tasks where the above criteria will be explained further.

Summary of Content

Weeks	Content Outline	Curriculum Links
1-2	Mendelian Genetics (dihybrid crosses, patterns of Inheritance, law of inheritance)	ACT: Unit 3 PNG: unit 12.3
3-4	Evolution (mechanism, evidence, theories and types of evolution)	ACT: Unit 3 PNG: 12.4
5-6	Response to stimuli in plants and animals (nervous system & tropism)	ACT: unit 4 PNG: 11.5
7-8	Mock exams Response to stimuli (endocrine system and homeostasis)	ACT: unit 4 PNG: 11.5
9-10	Revision (exam papers)	PNG: all units
11-12	Revision (exam papers)	PNG: all units
13-14	Grade 12 examination for PNG students	
15-16		
17-18		
19-20		