

Biology Unit 4**Assessment Guide****Semester 2 2017**

For Student Progress teachers will make an “on-balance” judgement about each student’s achievement in this subject. They will draw on ACARA assessment standards, classroom observation, and student’s contribution to work in class as well as a range of assessment tasks outlined in this assessment guide.

Possible assessment tasks	Assessment period	Topics and / or Concepts	The achievement grade includes assessment from the following tasks
-Practical Activities -Tests -Chapter questions -Bio-challenge & Review questions -Practice Exam Questions	Weeks 1 – 7 (+ 4)	-Changes in the genetic make-up of a population - Changes in biodiversity -Determining relatedness between species -Human Changes over time	Report using primary or Secondary data: -evidence for evolutionary change, relatedness between species, biological change in human evolution
	Weeks 8-14	-DNA manipulations : PCR, gel electrophoresis, DNA transformations -Biological knowledge & society	Report of a laboratory investigation OR Response to an Issue: -tools and techniques used to manipulate DNA, biotechnical applications, interrelationship between scientific knowledge & applications in society
	Revision & Exams	Revision	End of Year Exam on Unit 3 & 4