

LIFE SCIENCES - GRADE 11 2020

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (5 November 2019 – 20 March 2020)		
Biodiversity and classification of micro-organisms	Viruses and bacteria	☞ Task 1 Practical 1 – Micro-organisms 18 – 22 Nov 2019
	Protists	
	Fungi	
Biodiversity of plants	Mosses, ferns, spermatophytes	☞ Task 2 Assignment – Micro-organisms 25 Nov – 4 Dec 2019
	Asexual and sexual reproduction in plants	
Biodiversity of animals	Key features of body plans and their relationship with modes of living	☞ Task 3 Controlled Test 9 – 20 March
	Porifera, Cnidaria, Platyhelminthes, Annelida, Arthropoda, Chordata	
Energy Transformations to Sustain Life	Photosynthesis	
PHASE 2 (31 March 2020 – 12 June 2020)		
Energy Transformations to Sustain Life	Photosynthesis continued	☞ Task 4 Practical 2 - Photosynthesis 6 – 9 April
	Respiration	
Animal Nutrition	Mechanical and chemical digestion	☞ Task 5 June Exams 1 – 12 June
	Absorption	
	Assimilation	
	Homeostatic control	
Gaseous exchange	Human gaseous exchange	
PHASE 3 (7 July 2020 – 30 October 2020)		
Excretion	The human excretory system	
Population Ecology	Population size	☞ Task 6 Sept Controlled Test – Excretion and population ecology (1 hour - 50 marks) 31 Aug – 4 Sept
	Interactions in the environment	
	Social organisation, succession and human populations	
Human impact on the environment	The atmosphere and climate change	☞ Task 7 Final Exam Theory 19 – 30 Oct
	Water availability and quality	
	Food security	
	Loss of biodiversity	
	Solid waste disposal	