

LIFE SCIENCES - GRADE 11 2024

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (13 November 2023 – 8 March 2024)		
Biodiversity and classification of micro-organisms	Viruses and bacteria	Task 1: Practical 1 – Micro-organisms 22 Jan Task 2: Assignment – Micro-organisms Dec 2023 Task 3: Controlled Test 21 Feb – 5 March
	Protists	
	Fungi	
Biodiversity of plants	Mosses, ferns, spermatophytes	
	Asexual and sexual reproduction in plants	
Biodiversity of animals	Key features of body plans and their relationship with modes of living	
	Porifera, Cnidaria, Platyhelminthes, Annelida, Arthropoda, Chordata	
Energy Transformations to Sustain Life	Photosynthesis	
PHASE 2 (11 March 2024 – 31 May 2024)		
Energy Transformations to Sustain Life	Photosynthesis continued	Task 4: Practical 2 - Photosynthesis 18 March Task 5: June exam 13 – 31 May
	Respiration	
Animal Nutrition	Mechanical and chemical digestion	
	Absorption and Assimilation	
	Homeostatic control	
Gaseous exchange	Human gaseous exchange	
PHASE 3 (3 June 2024 – 8 November 2024)		
Excretion	The human excretory system	Task 6: Sept Controlled Test 21 Aug– 3 Sept Task 7: Final Exam 21 Oct – 8 Nov
	Homeostasis	
Population Ecology	Population size	
	Interactions in the environment Social organisation, succession and human populations	
Human impact on the environment	The atmosphere and climate change Water availability and quality Loss of biodiversity	
	Nervous system	