

NATURAL SCIENCE (LIFE SCIENCE) - GRADE 9 2020

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS	
PHASE 1 (5 November 2019 – 20 March 2020)			
Planet Earth and Beyond	The Solar System	<p>Task 1 Test: Nutrition 17 – 21 Feb</p> <p>Task 2 Controlled Test 9 – 20 March</p>	
	Biosphere		
Nutrition	Structure of the digestive system		
	Mechanical and chemical digestion		
	Nutritional diseases		
Breathing and gaseous exchange	Structure of the breathing system		
	Mechanism of breathing		
	Diseases of the lungs		
PHASE 2 (31 March 2020 – 12 June 2020)			
Circulation	Structure of the heart		<p>Task 3 Practical: Scientific investigation 20 – 24 April</p> <p>Task 4 Test: Circulation 4 – 8 May</p>
	Movement of blood through the heart		
	Structure of blood vessels		
	Circulation of blood through the body		
Excretory system	Excretory organs and excretory products	<p>Task 5 June Exams 1 – 12 June</p>	
	Structure of the kidney		
	Functioning of the kidney		
	Diseases of the excretory system		
PHASE 3 (7 July 2020 – 30 October 2020)			
Musculoskeletal system	Structure of the skeleton	<p>Task 6 Controlled Test 14 – 18 Sept</p> <p>Task 7 Final exam 19 – 30 Oct</p>	
	Muscles, tendons and ligaments		
	Diseases of the musculoskeletal system		
Model construction	Construct a model of any one of the systems studied		
Nervous system	Structure of neurons		
	Structure and functioning of a reflex arc		
	Structure and functions of the brain		
	Structure and functioning of the eye		
	Structure and functioning of the ear		
	Diseases of the nervous system		
Human reproduction	Structure and functions of the male and female reproductive organs		
	Menstrual cycle		
	Pregnancy and birth		
	Contraception		