

GRADE 10 GENERAL SCIENCE SCHEMES OF WORK FOR TERM 1

NAME OF THE TEACHER:.....

SCHOOL:..... YEAR:.....

Wee k	Lesso n	Strand	Sub-strand	Specific Learning Outcomes	Key Inquiry Question s	Learning Experiences	Learning Resources	Assessment Methods	Reflectio n
1	1	1.0 Introductio n to General Science	1.1 Introduction	By the end of the lesson, the learner should be able to explain the meaning of General Science as a learning area.	How is General Science useful in daily life?	The learner is guided to find out the meaning of general science from a resource person or the internet.	Curriculum Design (2024) pg 1; Digital devices	Oral questions	
	2			By the end of the lesson, the learner should be able to discuss the branches of General Science.		The learner is guided to brainstorm on the main branches (Biology, Chemistry, Physics) and share with peers.	Curriculum Design (2024) pg 1; Chart papers	Observation	
	3			By the end of the lesson, the learner should be able to outline the importance of General Science in life, environment, and technology.		The learner is guided to consult teachers or parents on the importance of General Science in relation to human life.	Curriculum Design (2024) pg 1; Resource person	Written quiz	
	4			By the end of the lesson, the learner should be able to identify career opportunities related to General Science.		The learner is guided to draw a chart on careers related to General Science and identify a career path of interest.	Curriculum Design (2024) pg 2; Career charts	Project Work	
	5	2.0 Living	2.1 The Cell	By the end of the	What	The learner is guided	Curriculum	Oral	

Week	Lesson	Strand	Sub-strand	Specific Learning Outcomes	Key Inquiry Questions	Learning Experiences	Learning Resources	Assessment Methods	Reflection
		Things and Environment		lesson, the learner should be able to explain the differences between light and electron microscopes.	makes up an organism ?	to discuss with peers the differences between light and electron microscopes.	Design (2024) pg 5; Microscopes (Light)	questions	
	6			By the end of the lesson, the learner should be able to describe the plant cell under an electron microscope.		The learner is guided to use print or non-print media to search for the structure of plant cells under an electron microscope.	Curriculum Design (2024) pg 5; Photomicrographs	Observation	
2	1			By the end of the lesson, the learner should be able to describe the animal cell under an electron microscope.		The learner is guided to observe photomicrographs of animal cells and identify components.	Curriculum Design (2024) pg 5; Digital images	Identification task	
	2			By the end of the lesson, the learner should be able to compare plant and animal cell structures.		The learner is guided to draw and label the structures of animal and plant cells under the electron microscope.	Curriculum Design (2024) pg 5; Drawing charts	Portfolio	
	3			By the end of the lesson, the learner should be able to explain the functions of the components of plant and animal cells.		The learner is guided to discuss with peers the functions of components of the animal and plant cells.	Curriculum Design (2024) pg 5; Textbooks	Oral questions	
	4			By the end of the lesson, the learner		The learner is guided to make a chart	Curriculum Design (2024)	Chart marking	