

GRADE 10 PHYSICS SCHEMES OF WORK FOR TERM 1

NAME OF THE TEACHER:.....

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

W K	LS N	STRAND	SUB- STRAND	LESSON LEARNING OUTCOME	LEARNING EXPERIENCES	KEY INQUIRY QUESTION	LEARNING RESOURCE S	ASSESSME NT	REFLECTI ON
1	1	1.0 Mechanics and Thermal Physics	1.1 Introduction to Physics	By the end of the lesson, the learner should be able to: Explain the meaning of Physics as a body of knowledge in science ² .	The learner is guided to: Work with others to search for the meaning of Physics as a branch of science ³ .	How is Physics relevant in day to day life? ⁴	2024 Senior School Curriculum Design, Physics Learner's Book, Digital devices, Internet.	Oral questions, Written quizzes.	
	2			By the end of the lesson, the learner should be able to: Describe the main branches of Physics as a field of study ⁵ .	The learner is guided to: Discuss with peers the main branches of Physics (mechanics, electricity, thermodynamics, etc.) ⁶ .		Charts showing branches of Physics, Physics Learner's Book.	Checklists, Oral discussion.	
	3			By the end of the lesson, the learner should be able to: Outline the importance of Physics in day-to-day life ⁷ .	The learner is guided to: Discuss with peers the importance of Physics in day-to-day life and share findings with the class ⁸ .		Digital devices, Physics Learner's Book, Video clips.	Oral presentation, Observation schedule.	
	4			By the end of the lesson, the learner should	The learner is guided to: Discuss with peers the relationship of		Physics Learner's Book, Concept	Written questions, Peer	

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				be able to: Relate Physics to other fields of study ⁹ .	Physics with other fields of study (e.g., Biology, Geography, Chemistry) ¹⁰ .		maps.	assessment.	
2	1	1.0 Mechanics and Thermal Physics	1.1 Introduction to Physics	By the end of the lesson, the learner should be able to: Identify possible career opportunities in the field of Physics ¹¹ .	The learner is guided to: Engage resource person(s) or use print/non-print media to search for information on career opportunities ¹² .		Resource person, Career pamphlets, Digital devices.	Oral questions, Checklists.	
	2			By the end of the lesson, the learner should be able to: Create career charts highlighting areas related to Physics ¹³ .	The learner is guided to: Design, produce, and present career charts highlighting areas related to Physics ¹⁴ .		Manila papers, Markers, Glue, Pictures.	Project assessment, Portfolio.	
	3		1.2 Pressure	By the end of the lesson, the learner should be able to: Describe atmospheric pressure as used in physics ¹⁵ .	The learner is guided to: Discuss with peers the meaning of atmospheric pressure ¹⁶ .	How does density of fluid affect pressure? ¹⁷	2024 Senior School Curriculum Design, Physics Learner's Book.	Oral questions, Written definition.	
	4			By the end of the lesson, the learner should be able to: Demonstrate	The learner is guided to: Carry out activities to demonstrate the existence of atmospheric pressure in		Tin cans, Heat source, Water, Crushing can apparatus.	Observation, Checklists.	