

PHYSICAL SCIENCES – GRADE 10 2024

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS	
PHASE 1 (17 January 2024 – 20 March 2024)			
Waves, Sound and Light	Transverse Pulses	Task 1: Control Test 21 Feb – 5 March	
	Transverse Waves		
	Longitudinal Waves		
	Sound		
	Electromagnetic Waves		
Electricity and Magnetism	Electrostatics		
	Electric Circuits		
PHASE 2 (3 April 2024 – 14 June 2024)			
Matter and Materials	States of Matter & Kinetic Molecular Theory	Task 2: Experiment 1 – Heating and Cooling curves Part A and Part B completed by 12 April Part C – Practical Test Date: 22 – 26 April	
	The Atom		
	The Periodic Table		
	Chemical Bonds		
Chemical Change	Physical & Chemical Change		Task 3: June Exam 27 May – 14 June
	Representing Chemical Change		
	Quantitative aspects of chemical change		
PHASE 3 (9 July 2024 – 8 November 2024)			
Mechanics	Scalars & Vectors	Task 4: Experiment 2 – Measuring velocity and graphs of motions Part A and Part B completed by 2 August Part C – Practical Test Date: 12 – 16 August	
	Motion in one dimension		
	Instantaneous speed and velocity and equations of motion		
	Energy	Task 5: Control Test 21 Aug – 3 Sept	
	Conservation of Mechanical Energy		Task 6: Final Exam 23 Oct – 8 Nov