

PHYSICAL SCIENCES – GR 12 2024

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (13 November 2023 – 8 March 2024)		
Mechanics	Momentum and Impulse	Task 1: Experiment 1 – Conservation of momentum Part A and Part B completed by 19 Jan Part C – Practical Test Date: 22 – 26 Jan Task 2: Control Test Date: 21 Feb – 5 March
	Vertical Projectile Motion	
Matter and Materials	Organic Chemistry	
Mechanics	Work, Energy, Power	
PHASE 2 (11 March 2024 – 31 May 2023)		
Chemical Change	Rates and Extent of reactions	Task 3: June Exam Date: 13 – 31 May
	Chemical Equilibrium	
	Acids and Bases	
Electricity and Magnetism	Electric circuits and Electrostatics (Recap from Gr 11)	
	Electrodynamics	
PHASE 3 (3 June 2024 – 18 October 2024)		
Chemical Change	Electrochemistry	Task 4: Experiment 2 – Acid-Base Titration Part A and Part B completed by 22 June Part C – Practical Test Date: 1 – 5 July Task 5: Trials Exams 19 Aug – 6 Sept
Waves, Sound and Light	Doppler Effect	
Matter and Materials	Optical phenomena and properties of materials	