

PHYSICAL SCIENCES – GRADE 12 2020

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (5 November 2019 – 6 March 2020)		
Matter and Materials	Organic Chemistry	☞ Task 1 Practical Investigation: Conservation of momentum 27 – 31 Jan
Mechanics	Momentum and Impulse	
	Vertical Projectile Motion	☞ Task 2 March Exams 24 Feb – 6 March
PHASE 2 (9 March 2020 – 29 May 2020)		
Mechanics	Work, Energy, Power	☞ Task 3 June Examinations - Practical Investigation: Reaction rates 4 – 8 May
Waves, Sound and Light	Doppler Effect	
Chemical Change	Rates and extent of reactions	☞ Task 4 June Examination 18 – 29 May
	Chemical Equilibrium	
	Acids and Bases	
PHASE 3 (1 June 2020 – 9 October 2020)		
Electricity and Magnetism	Electric circuits	☞ Task 5 Practical Investigation: Titration – Acid/base 27 – 31 July
	Electrodynamics	
Matter and Materials	Photoelectric effect	
	Emission and absorption spectra	
Chemical Change	Electrochemistry	☞ Task 6 Trial Examinations 17 Aug – 4 Sept
Chemical Systems	The Fertilizer industry	