

PHYSICAL SCIENCES – GRADE 10 2020

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (5 November 2019 – 20 March 2020)		
Matter and Materials	Micro Properties of Matter	☞ Task 1 Practical Investigation: Heating Curve of Water 3 – 7 Feb
	States of Matter & Kinetic Molecular Theory	
	The Atom	
	The Periodic Table	
	Chemical Bonds	
Waves, Sound and Light	Transverse Pulses	☞ Task 2 Controlled Test 9 – 20 March
	Transverse Waves	
	Longitudinal Waves	
	Sound	
	Electromagnetic Waves	
PHASE 2 (31 March 2020 – 12 June 2020)		
Matter and Materials	Matter is composed of Particle	☞ Task 3 Practical Investigation: Resistors in Series & Parallel 18 – 22 May
Chemical Change	Physical & Chemical Change	
	Representing Chemical Change	
Electricity and Magnetism	Magnetism	☞ Task 4 June Examinations 1 – 12 June
	Electrostatics	
	Electric Circuits	
PHASE 3 (7 July 2020 – 30 October 2020)		
Chemical Change	Reactions in Aqueous Solutions	☞ Task 5 Research Project: Ticker-timer & Graphs 17 – 21 Aug
	Quantitative Aspects of Chemical Change	
Mechanics	Scalars & Vectors	☞ Task 6 Control Test 7 – 11 Sept
	Motion in 1D	
	Describing Movement	☞ Task 7 October Examinations 19 – 30 Oct
	Energy	
Chemical Systems	The Hydrosphere	