

PHYSICAL SCIENCES – GRADE 10 2017

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (07 November 2016 – 31 March 2017)		
Matter and Materials	Micro Properties of Matter	☞ Task 1 Practical Investigation: Heating Curve of Water 6 – 10 Feb
	States of Matter & Kinetic Molecular Theory	
	The Atom	
	The Periodic Table	
	Chemical Bonds	
Waves, Sound and Light	Transverse Pulses	☞ Task 2 Controlled Test 22 – 31 March
	Transverse Waves	
	Longitudinal Waves	
	Sound	
	Electromagnetic Waves	
PHASE 2 (18 April 2017 – 30 June 2017)		
Matter and Materials	Matter is composed of Particle	☞ Task 3 Practical Investigation: Resistors in Series & Parallel 5 – 9 June
Chemical Change	Physical & Chemical Change	
	Representing Chemical Change	
Electricity and Magnetism	Magnetism	☞ Task 4 June Examinations 19 – 30 June
	Electrostatics	
	Electric Circuits	
PHASE 3 (24 July 2017 – 10 November 2017)		
Chemical Change	Reactions in Aqueous Solutions	☞ Task 5 Research Project: Ticker-timer & Graphs 21 – 25 Aug
	Quantitative Aspects of Chemical Change	
Mechanics	Scalars & Vectors	☞ Task 6 Control Test 11 – 15 Sept
	Motion in 1D	
	Describing Movement	☞ Task 7 October Examinations 30 Oct – 10 Nov
	Energy	
Chemical Systems	The Hydrosphere	