

PHYSICAL SCIENCES – GRADE 11 2020

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (5 November 2019 – 20 March 2020)		
Mechanics	Vectors in two dimensions	☞ Task 1 Dec Controlled Test Dec 2019 ☞ Task 2 Practical Investigation Coefficient of Friction 3 – 7 Feb
	Newton’s Laws of Motion	
	Newton’s Law of Universal Gravitation	
Matter and Materials	Atomic Bonds	☞ Task 3 Controlled Test 9 – 20 March
	Intermolecular Forces	
PHASE 2 (31 March 2020 – 12 June 2020)		
Waves, Sound and Light	Geometric Optics	☞ Task 4 Practical Investigation Intermolecular Forces 20 – 24 April ☞ Task 5 June Examinations 1 – 12 June
	2D and 3D Wavefronts	
Matter and Materials	Ideal Gases	
Chemical Change	Quantitative Aspects of Chemical Change	
PHASE 3 (7 July 2020 – 30 October 2020)		
Electricity and Magnetism	Electrostatics	☞ Task 6 Research Project Exothermic/Endothermic Reactions 24 – 28 Aug
	Electromagnetism	
	Electric Circuits	
Chemical Change	Energy and Chemical Change	☞ Task 7 Controlled Test 7 – 11 Sept ☞ Task 8 October Examinations 19 – 30 Oct
	Reaction Types (Acid-Base)	
	Reaction Type (Redox)	
Chemical Systems	Development of Mining	
	Mining and Mineral Process	