

TECHNOLOGY – GRADE 8 2020

TOPIC	ASSESSMENT STANDARDS	PORTFOLIO ASSESSMENT TASKS
PHASE 1 (15 January – 20 March 2020)		
Structures Mechanical	Roofs and Pylons	☞ Task1 Test 3 – 7 Feb
	Buildings and Bridges	
	Wedges, wheels, and gears.	☞ Task2 Mini PAT 17 – 21 Feb
	Mechanisms that change the type of movement.	☞ Task 3 Controlled Test 9 – 20 March
	Mini PAT: Design and make a model of a Water tower using paper	
PHASE 2 (31 March 2020 – 12 June 2020)		
Mechanical Systems and Control	Levers, linkages, and gears	☞ Task 4 Test 11 – 15 May
	Mechanical advantage calculations	
	Drawing gear systems Bevel gears, bicycles and systems diagrams	☞ Task 5 June Exams 1 – 12 June
	Investigate aspect mining in South Africa	
PHASE 3 (7 July 2020 – 30 October 2020)		
Electrical Systems and Control	Electrical systems	☞ Task 6 Test 24 – 28 Aug
	Energy supply for the people	
	Electrochemical cells and batteries	☞ Task 7 Mini PAT 7 – 11 Sept
	Generating electricity for the nation	☞ Task 7 End of year Exam 19 – 30 Oct
	Mini PAT: Circuits with logic control	