



LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

**SEKHUKHUNE EAST EDUCATION DISTRICT(SEED)
-DISTRICT ON THE RISE**

GENERAL EDUCATION AND TRAINING

GRADE 7

**TECHNOLOGY
MEMORANDUM**

31 MAY 2024

MARKS: 50

This memorandum consists of 4 pages including cover page.

All alternative relevant answers should be credited

SECTION: A

QUESTION	ANSWER	MARKS				
QUESTION 1	1.1 B ✓ 1.2 A ✓ 1.3 A ✓ 1.4 C ✓ 1.5 B ✓ 1.6 C ✓	1 1 1 1 1 1				
QUESTION 2	2.1 F ✓ 2.2 A ✓ 2.3 E ✓ 2.4 B ✓ 2.5 D ✓	1 1 1 1 1				
QUESTION 3	3.1.A. soccer ball✓ Solid and shell ✓ B.Bicycle✓ and frame✓ C.A brick house✓and solid ✓ D. An aeroplane✓and frame and solid✓ 3.2.A structure is something that is built, ✓made or put together in a particular way. It can be a strong material and can support loads. 3.3. <table><tr><td>IMAGE E</td><td>IMAGE F</td></tr><tr><td>Third class lever.✓</td><td>First class lever.✓</td></tr></table>	IMAGE E	IMAGE F	Third class lever.✓	First class lever.✓	2 2 2 2 1 2
IMAGE E	IMAGE F					
Third class lever.✓	First class lever.✓					
QUESTION 4	4.1 - Investigate✓ - Design✓ - Evaluate✓ - Communicate✓ - Make✓ 4.2 <i>I am going to design and make a cellphone tower✓ that will assist people with good network coverage. ✓</i> 4.3 <i>30 cm tall ✓; platform 10cm x 10cm ✓, it must have camouflaged ✓ OR any other relevant answer.</i> 4.4 It should not topple over or fall down easily. It must not be	1 1 1 1 1 2 3 2				

	unstable. The paint might not dry on time. The tower might fall over✓✓ 4.5 2 Ice-cream sticks, foil, cardboard, wood, plastic straws, paint✓ 4.6 <i>Alignment tools, cable products, data communication, wire pulling drips. etc✓</i> 4.7 <table border="1"> <thead> <tr> <th>Criteria</th><th>Mark allocated</th><th>Mark obtained</th></tr> </thead> <tbody> <tr> <td>Correct Drawing (TOWER)</td><td>2</td><td></td></tr> <tr> <td>Correct 3D (OBLIQUE showing 3 dimensions)</td><td>2</td><td></td></tr> <tr> <td>Line types</td><td>1</td><td></td></tr> <tr> <td>TOTAL</td><td>5</td><td></td></tr> </tbody> </table>	Criteria	Mark allocated	Mark obtained	Correct Drawing (TOWER)	2		Correct 3D (OBLIQUE showing 3 dimensions)	2		Line types	1		TOTAL	5		1 1 5
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Correct Drawing (TOWER)	2																
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QUESTION 5	5.1 MTN, Vodacom, Cell C, Telkom or any one mentioned. ✓ 5.2 Gallery, whatsapp, facebook, camera, maps, google, calendar, gmail, email, play store, youtube, spotify, Instagram, Tik tok messenger or any 3 apps mentioned. ✓✓✓ 5.3 - Landline phones are cheaper than a cell phone package and is user friendly. ✓ - Landline phones are used in schools, offices and at home and you pay monthly and their batteries don't run flat. Or any reasonable answer.✓ 5.4 - Some cell phones are very expensive to buy.✓	1 3 2 3															

	• You need to charge them daily and you need a charger and charging port.✓ • They can break easily when they fall and they don't have a proper screen protector. The signal from the towers could be faulty.✓ Any reasonable answer. 5.5 Apple I-phone, Samsung, Huawei , Nokia, Oppo, LG or any other make. ✓	1
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