



Lena yindzaba yaMulalo Doyoyo, umsunguli
naSosayensi waseNingizimu Afrika.

Basunguli bantfu labacabanga ngentfo lensha,
bese bayayakha.

Mulalo usebentisa iSayensi neThekhnoloji kute
asungule tintfo letisita bantfu kanye nemvelo.



“Ngifuna kunicocela ngaNjiniyela lowaba ngumsunguli lodvumile. Watalelwa esigodzeni saseVondwe,” thishela Mary ucala kukhuluma.

“Thishela, ikuphi iVondwe?” kubuta Lulama.

“Isenzaweni yasemakhaya esifundzeni saseLimpopo,” kuphendvula thishela.



“Mulalo Doyoyo watalwa nga-1970. Benikuphi nine nga-1970?” kubuta thishela Mary.

“Besingekho nga-1970, thishela,” kuphendvula Jack ahleka.

“Mulalo wacala sikolo Semabanga Laphansi eVondwe nga-1977,” kuchubeka thishela.



“Nasekafundza esikolweni semabanga laphakeme, wacala kutsandza sifundvo seSayensi nesebuNjiniyela,” kusho thishela Mary.

“Yini buNjiniyela?” abuta.

“YiSayensi lehlange neThekhnoloji,” kuphendvula Nkoka.

“Bumayelana nekwentiwa kwemishini, takhiwo, kanye naletinye tintfo,” kuphendvula Kulani.



“Nobabili nicinisile. BoNjiniyela bahlela baphindze bakhe imishini, letinye tintfo kanye netakhiwo. Basebentisa iSayensi neThekhnoloji,” kusho thishela.

“Nasekacedze sikolo Semabanga Laphakeme eMbilwi, Mulalo watfola umfundzate wekuyofundzela buNjiniyela eNyuvesi yaseKapa,” uyachubeka.



“Nasekasenyuvesi, Mulalo wasungula inhlango lebitwa ngekutsi yi-*Temescial*.

Leligama limelela kutsi *Technology, medicine, and science for all*.

I-*Temescial* ikhutsata lusha kutsi lufundzele iSayensi, iThekhnoloji, buNjininiyela kanye neTibalo.

Ngekuhamba kwesikhatsi, sitawufundza lokunyenti ngaloko.”



“Nasekatfole sicu semfundvo yakhe yekucala, Mulalo waya eMelika. Wafundza waphindze wafundzisa emanyuvesi alapho.

Wafundzisa iSayensi neTibalo. Yini Tibalo?” kubuta thishela Mary.

“Sifundvo setibalo, sekuma kwetintfo nemaphethini,” kusho Akani.



“Uphendvule kahle, Akani,” kusho thishela.

Wachubeka nendzaba yakhe.

“Mulalo uneticu tebudokotela. Watfolat tiku temfundvo lesezingeni lelisetulu, i-*PhD*. Nasewutfole tona, ubitwa ngadokotela. Unguchwepheshe emkhakheni webuNjiniyela.”



“Nyalo, ngembikwekutsi nginicoccele ngetintfo letisungulwe nguMulalo, asenginikhumbute ngentfo yekwakha lekutsiwa ngusemende,” kusho thishela.

“Semende unelitje lekutsiwa yi-*Limestone* futsi usetjentiswa ekwakheni.

Lelitje ligujwa emayini, liyaphihlitwa libe timvutfu bese liyashiswa kute libe ngusemende.”



“Bafundzi, Mulalo wasungula intfo yekwakha lengakhiwa ngalelitje. Kepha yona yakhiwa ngemalahle naletinye tintfo letilahlwe etimbonini.

Loku kusho kutsi ungakwati kwenta semende ngaphandle kwekugubha i-*Limestone*. Ngekwenta kanjalo imvelo iyalondvoloteka.”



“Mulalo waphindze wasungula umshini wekwakha titini lokutsiwa yi-*Ecocast*. Lomshini wonga emanti nagesi. Phela emanti ayindlala!”

“Akukafaneli sishiye timpompi tivuliwe tikhipha emanti,” kusho Jack.

“Yebo, sonkhe kufanele siwonge emanti,” kuphendvula Lulama.



"Sengitocedzela indzaba yami ngekunicocela ngesidududu lesihamba ngehayidroji! Lesidududu sibitwa ngekutsi *Ahifambeni*. Mulalo wasungula lencola asebenta nalabanye bacwaningi," kusho thishela.

"Hawu sidududu sehayidroji!" kumangala Kulani.

"*Ahifambeni!* Asihambeni!" kusho Nkoka.



“Yebo! “Asihambeni siyofundzela buNjiniyela sitosungula tintfo letikahle!” kusho Kulani.

“Asisebentise iSayensi kanye neThekhnoloji kuze sicatulule tinkinga futsi sitijabulise!” kusho Nkoka.

“Bengati kutsi itanikhutsata indzaba yaMulalo!” kusho thishela Mary amoyitela.



—Imibuto

1. Yini lofuna kuyoyifundzela? Yini lekwenta utsandze kuyofundzela loko?
2. Ucabanga kutsi yini leyenta Mulalo watsandza iSayensi nebuNjiniyela?
3. Fundza lokwengetiwe ngetinhlobonhlobo tebuNjiniyela.
4. Fundza lokwengetiwe ngeBasunguli betintfo base-Afrika.
5. Tintfo letisungulwe nguMulalo tiyivikela njani imvelo?
6. Siyini *STEM*? Chaza kutsi yini lesenta sibaluleke.
7. Ngaphandle kweNyuvesi yaseKapa, tfolo lamanye emanyuvesi lasikhombisa aseNingizimu Afrika lafundzisa buNjiniyela.
8. Chaza kutsi yini leyenta emanti abengumtfombolusito loyimvela kancane.



—Tincwadzi letikuloluchungechunge

- Andile Mji
- Asnath Mahapa
- Bongani Mayosi
- Charlotte Maxeke
- Mmantsane Moche Diale
- Mulalo Doyoyo
- Tebello Nyokong
- Tshilidzi Marwala



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