



Lencwadzi ikhuluma nga Mmantsae Moche Diale,
Sosayensi wase Mzansi Afrika.

Mmantsae nguSosayensi lofundza ngemandla
labuya elangeni, netindlela tekutsi bantfu
basebentise lamandla agesi.



“Bafundzi, ngifuna kunicocela ngalomunye Sosayensi lobalulekile walapha eNingizimu Afrika,” kusho thishela Mpilo

“LoSoSayensi wacala imphilo yakhe kulesinye setigodzi letincane taseLimpopo lowatsi kamuva waba nguSosayensi lophambili.”

Thishela wachubeka watsi, “Khumbulani, i-*Physics* iyisayensi yetemvelo lesuselwa etibalweni.”



Thishela uyachubeka, “Lichawe letfu lesayensi
lesitawukhuluma ngalo lamuhla nguMmantsae Moche
Diale.”

“Watalelwa eGa-Masemola lokuyindzawo lesemakhaya
eLimpopo. Wafundza esikolweni iSekobetlane Maphutha.”

“Bekunemapali lamakhulu agesi labefakwe adzabula
ekhatsi lapha esigodzini sakubo. Kepha kulesigodzi sakubo
bekute gesi.”



“Asengumntfwana abenenshisekelo yekwati ngemandla
agesi nekutsi atfolakala njani. Abengakwati kutsi wonkhe
umuntfu kufanele abe nemandla lanele agesi kute akhone
kuhlangabetana netidzingo takhe.”

Thishela waphumula kancane nendzaba yakhe wabuta,
“Iyini leminy e imitfombo yemandla agesi?”



“Emalahle angumtfombo lobalulekile. Sishisa emalahle kute sente gesi,” kusho Nhlovu.

“Yebo, kepha umhlaba wetfu uphelelwa ngemalahle naleminyane imitfombo yemandla agesi langakhoni kuphindze asebentiseke.

“Lilanga nemoya imitfombo lengaphindza isebentiseke,” kungeta Sphe, nathishela wakhombisa kuvumelana naye ngenhloko.



Thishela wachubeka nendzaba yakhe, “Ebuncaneni Mmantsae bekakwati kutsi ufuna tindlela tekutsi wonkhe umuntfu atfole gesi longabiti kakhulu futsi lohlobile lotfolakala etikwe mitfombo lengaphindze isebentiseke.”

“Wafundza tibalo nesifundvo seSayensi yetemvelo esikolweni, futsi abeyitsandza i-*Physics*, abekakwati kutsi ufuna kufundza i-*Physics* eNyuvesi,” kwasho thishela.



"Bantfu babuta Mmantsae, 'Ucabanga kutsi yini lotayenta nge-*Physics*? Ungawutfolaphi nje umsebenti?' Bamcedza emandla."

"Ufundzele ticu tetesayensi etikweni letemfundvo, kute abe nguthishela weSayensi. Abekanenshisekelo futsi yekufundza ngemitfombo yemandla agesi longaphindza usebentiseke," kusho thishela.



“Thishela, ngubani umuntu lebekabuke kuye Mmantsae njengelichawe lakhe ngalesosikhatsi?” kubuta Sphe.

“Bekulidlanzana labomake lebebasebenta emkhakheni we-*Physics*, futsi bebabancane kakhulu bomake belibala lelimnyama kuwo lomkhakha,” kuphendvula thishela.

“Mmantsae usebente naboSosayensi labadvuna kuphela. Bekute bomake baseNingizimu Afrika labekangabuka kubo njengemachawe akhe ngalesosikhatsi.”



“Ngemuva kweminyaka leminyenti Mmantsae afundza waba nguPhrofesa weteSayensi. Nyalo unguthishela nemcwaningi waseNyuvesi,” thishela Mpilo utjela liklasi.

“Ulichawe lawo wonkhe umuntfu longumake welibala lelimnyama lokumkhakha weteSayensi, ikakhulu labaku-*Physics*.”

“Wenta lucwaningo lolubalulekile,” kusho thishela.



Thishela wachaza, “Lucwaningo lwakhe lugcile ekutseni atfole tindlela tekutfole emandla latfolakala elangeni ngebunyenti, nekuwagcina lawo mandla.

“Emandla elilanga lagciniwe angasentjentswa kuniketa gesi etindzaweni tasemakhaya.”

“Emandla agesi latfolakala elangeni akabiti kakhulu futsi ayaphindza asebentiseke.”



Thishela wabuta, “Ningakwati kungitjela kutsi kusho kutsini, lokungaphindze kusebentiseke nalokungeke kuphindze kusebentiseke?”

“Emandla agegi langaphindze asebentiseke ngulamandla langapheli,” kusho Ntando.

“Emandla agegi lawa langaphindzi asebentiseke ayaphela njengalawa emalahle langakhoni kuphindze asebentiseke,” kusho Vusiwe.



Sifundvo siyaphela.

Thishela uyaphetsa, "Mmantsae uholo licembu
lebacwaningi labacwaninga ngemandla agesi lohlobile
nalaluhlata."

"Sifiso sabo ngalolucwaningo kukhucita emaseli langakhona
kutsatsa emandla agesi lamanyenti elangeni awayise
ebantfwini."



Basacoca bafundzi ekilasini, thishela Mpilo utsi, “Sifiso saPhrofesa Diale kubona bomake labanyenti bafundza iphysics. Nginelitsembe lekutsi linyenti lemantfombatane lapha atawufundza tifundvo teSayensi neTibalo!”

“Kanjalo nebafana futsi!” kumamatseka thishela.



—Mibuto

1. Yini leyabangela Mmantsae ebuncaneni abe nenshisekelo emandleni agezi?
2. Ayini emandla agezi labuya elangeni? Singawasebentiselani lamandla agezi labuya elangeni?
3. Uluhlobo luni lwaSosayensi Phrofesa Diale? Ucwanginga ngani?
4. Wahlangabetana nabuphi bumatima ekulandzeleni leliphupho lakhe?
5. Chaza kutsi emalahle atfolakala njani.
6. Ucabanga kutsi kubaluleke ngani kutsi sisebentise emandla lavuselelekako?
7. Fundza ngalabasikati labasihlanu labamnyama labasebenta ngemandla lavuselelekako.
8. Ngumaphi emave la-10 lahamba embili ngekusebentisa emandla lavuselelekako?



—Tincwadzi letikuloluchungechunge

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



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