



Mmantsae Moche Diale nemandla elilanga

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Omphemetse Patient Ramatlhatse



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 kuhlanguketana 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 tiku tetesayensi etikweni letemfundvo, kute abe nguthishela weSayensi. Abekanenshisekelo futsi yekufundza ngemitfombo yemandla agesi longaphindza usebentiseke,” kusho thishela.



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

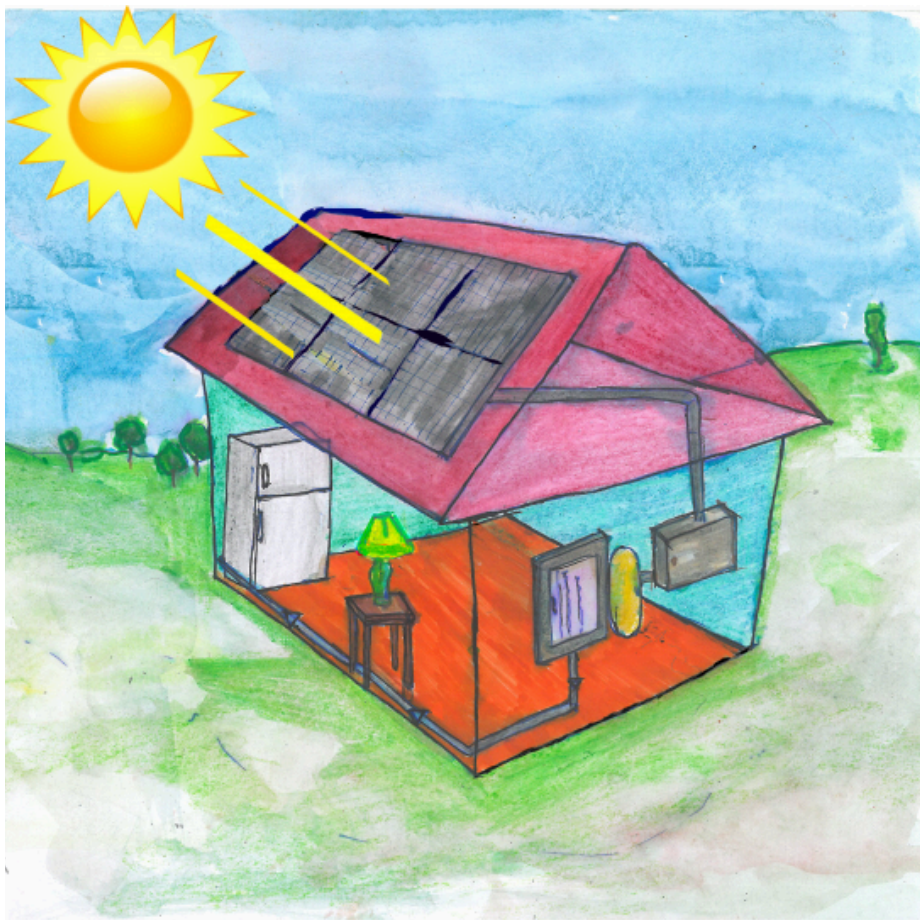
“Bekulidlanzana labomake lebebasebenta emkhakheni we-*Physics*, futsi bebabancane kakhulu bomake belibala lelimnyama kuwo lomkhakha,” kuphendvula thishela. “Mmantsae usebente naboSosayensi labadvuna kuphela. Bekute bomake baseNingizimu Afrika labekangabuka kubo njengemachawe akhe ngalesosikhatsi.”



“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 angasentjentsiswa 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 uhola licembu lebacwaningi labacwaninga ngemandla agesi lohlobile nalaluhlata."

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



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

"Kanjalo nebafana futsi!" kumamatseka thishela.

—Mibuto

1. Yini leyabangela Mmantsae ebuncaneni abe nenshisekelo emandleni agesi?
2. Ayini emandla agesi labuya elangeni? Singawasebentiselani lamandla agesi labuya elangeni?
3. Uluhlobo luni lwaSosayensi Phrofesa Diale? Ucwanninga 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

Lenzaba ibhalwe ngeSiswati njengencenye yemabhuku ekufundza e-Zenex Ulwazi Lwethu, iprojekthi ya-2020.



Ulwazi Lwethu is a Zenex Foundation funded and initiated project to develop a series of graded and leisure African language readers and teacher support materials. This project is targeted at teaching and supporting learners in the Foundation Phase to improve their home language reading and understanding. The readers have been originated in nine African languages in collaboration with Molteno Institute for Language and Literacies, Nelson Mandela Institute for Education and Rural Development, Room to Read South Africa, and Saide. All resources are developed as Open Education Resources (OER).



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*The Ulwazi Lwethu readers and storybooks have
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