



Imibono lehlakaniphile yaMulalo Doyoyo

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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 esigodzini saseVondwe,” thishela Mary ucala kukhuluma.

“Thishela, ikuphi iVondwe?” kubuta Lulama.

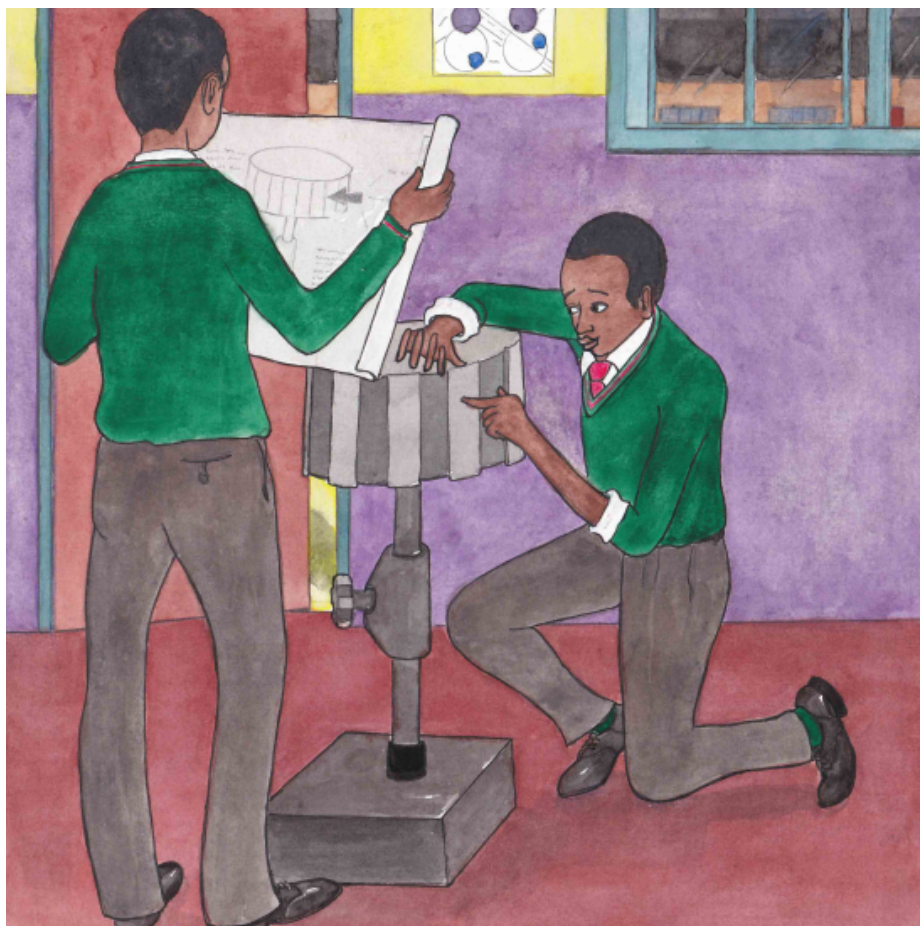
“Isendzaweni yasemakhaya esifundzeni saseLimpopo,” kuphendvula thishela.



“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.

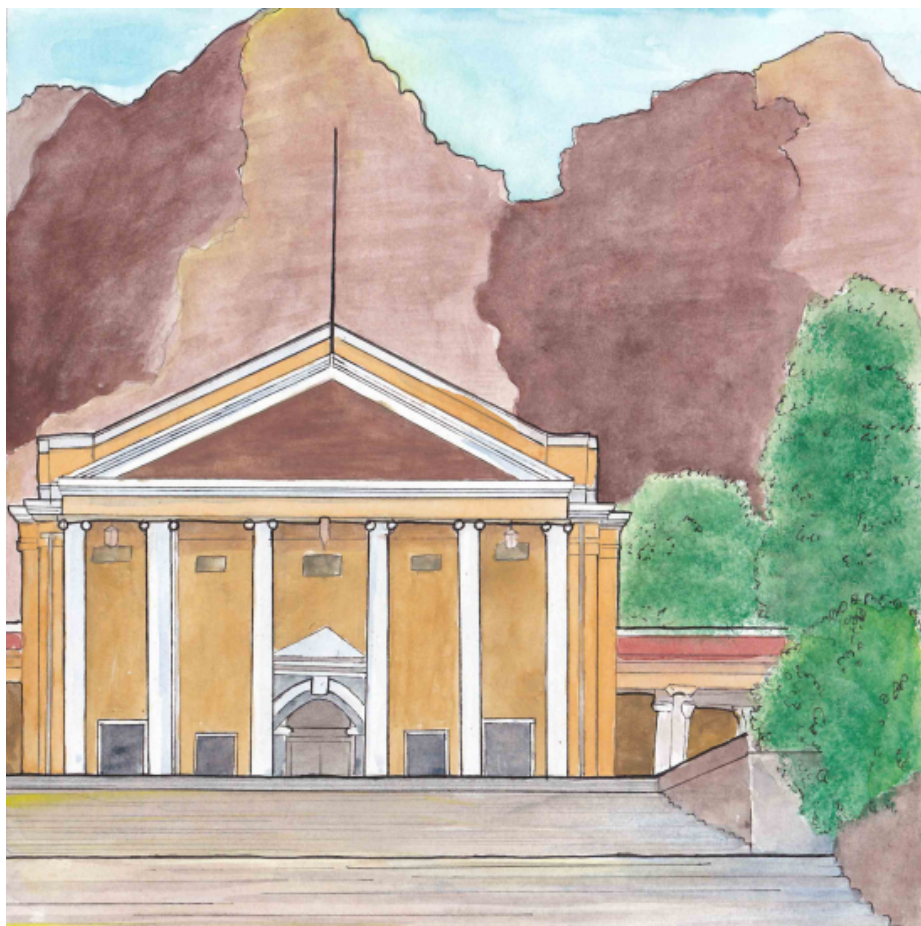


“Nasekafundza esikolweni semabanga laphakeme, wacala kutsandza sifundvo seSayensi nesebuNjiniyela,” kusho thishela Mary.

“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 eMbiliwi, Mulalo watfola umfundzate wekuyofundzela buNjiniyela eNyuvesi yaseKapa,” uyachubeka.



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

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

I-*Temescial* ikhutsata lusha kutsi lufundzele iSayensi, iTheknoloji, 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.

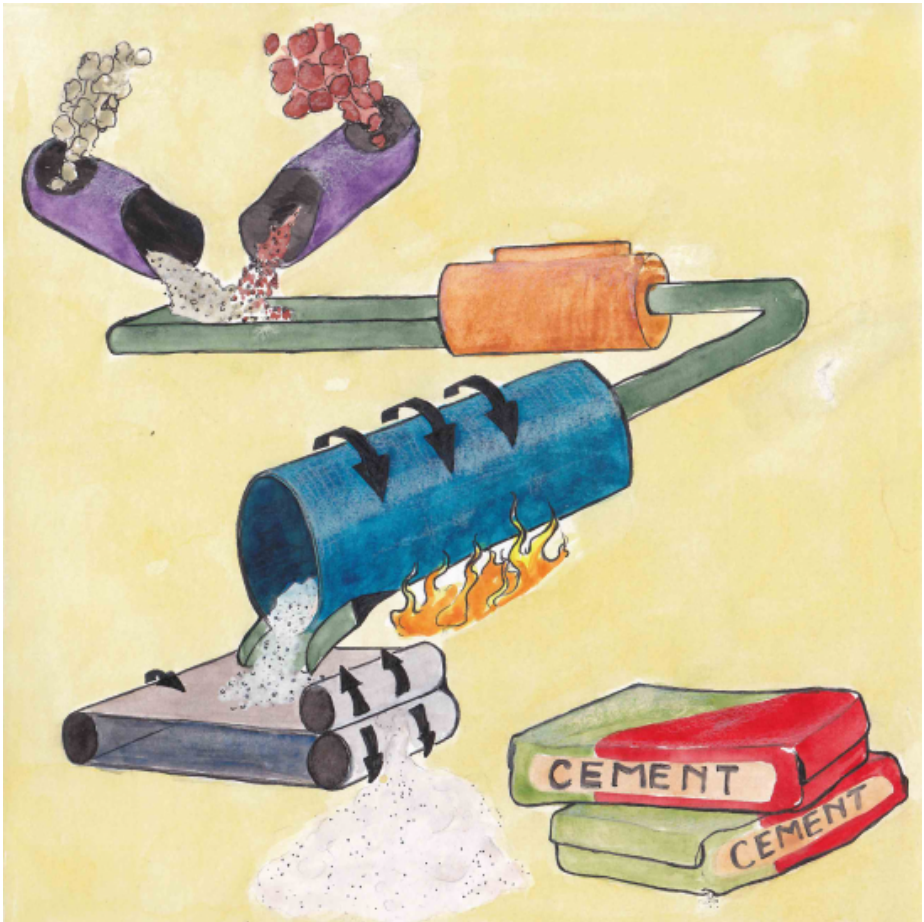
“Sifundvo setibalo, sekuma kwetintfo nemaphethini,” kusho Akani.



“Uphendvule kahle, Akani,” kusho thishela.

Wachubeka nendzaba yakhe.

“Mulalo uneticu tebudokotela. Watfolo 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 lekwenata 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, tfolal manye 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

Lendzaba icanjwe yaphindze yabhalwa
ngesiTsonga, njengencenye yephrojekthi
yetintfo tekufundza te-Zenex Ulwazi Lwethu
nga-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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