



Dikakanyo tse di botlhale tsa ga Mulalo Doyoyo

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E ke kgang ka ga Mulalo Doyoyo, Motlhami le Rasaense wa mo Aforikaborwa.

Batlhami ke batho ba ba nagang le go tlhama mefuta yotlhe ya dilo tse dintšhwa.

Mulalo o dirisa Saense le Thekenoloji go tlhama ditlhangwa tse di thusang batho le tikologo.



“Ke batla go le bolelela ka ga Moenjeniri yo o nnileng motlhami yo o tumileng. O tsaletswe mo motsaneng wa Vondwe,” morutabana Mary a simolola.

“Morutabana, Vondwe ke kae?” Lulama a botsa.

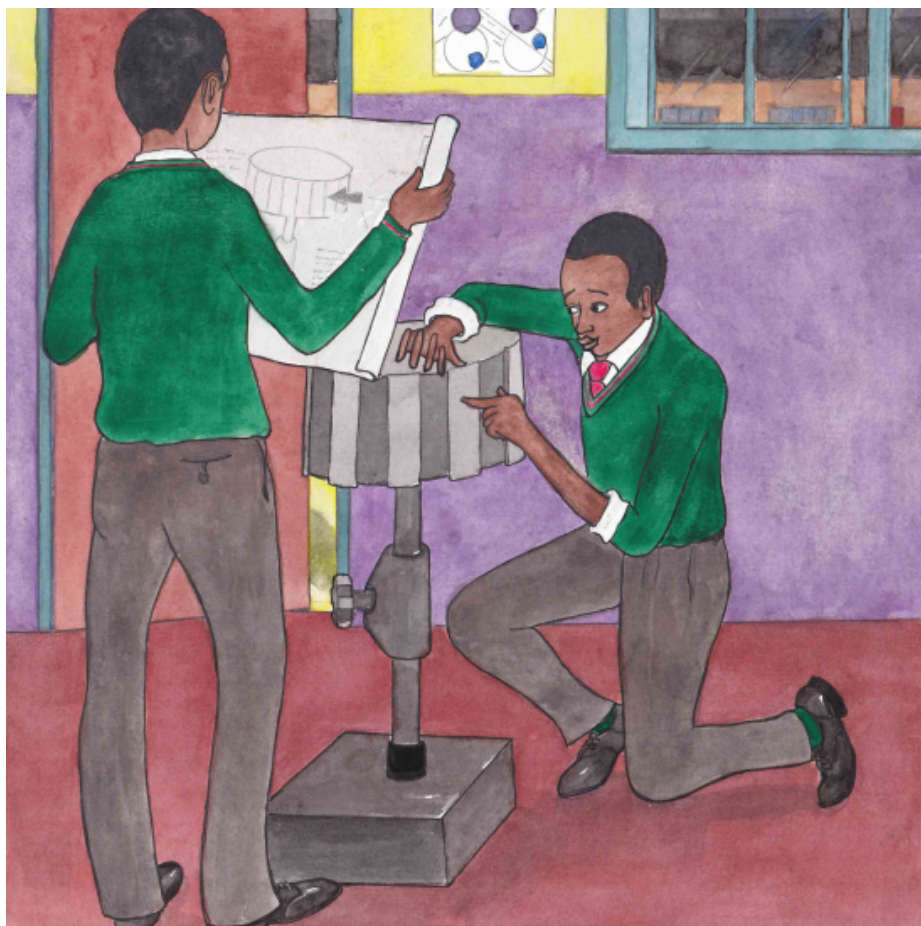
“E kwa magaeng a Porofense ya Limpopo,” ga araba morutabana.



“Mulalo Doyoyo o tsetswe ka 1970. Lona lotlhe ba, le ne le kae ka 1970?” ga botsa morutabana Mary.

“Re ne re se teng ka 1970, morutabana,” ga araba Jack ka setshego.

“Mulalo o simolotse sekolo sa poraemari kwa Vodwe ka 1977,” morutabana a tswelela.

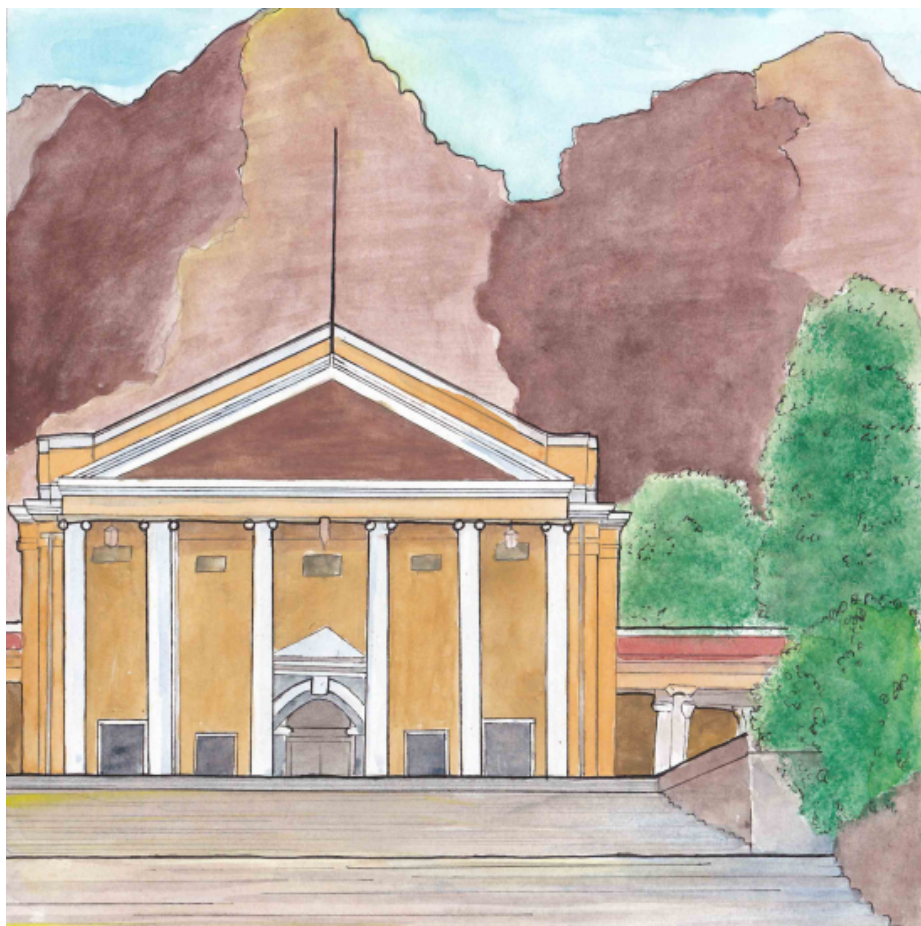


“Fa a ya sekolong se segolo, o ile a rata Saense le Boenjeniri,” morutabana Mary a tlhalosa.

“Boenjeniri ke eng?” a botsa.

“Ke Saense le Thekonoloji di kopane,” ga araba Nkoko.

“Ke ka go aga metšhini, dikago le tse dingwe,” ga araba Kulani.



“Le nepile ka bobedi. Baenjenere ba bopa le go tlhama metšhini, didiriswa, le dikago. Ba dirisa Saense le Thekenoloji,” morutabana a tlhalosa.

“Fa a fetsa dithuto kwa Sekolosegolo sa Mbilwi, Mulalo a bona kabo ya thuto go ya go ithutela Boenjeniri kwa Yunibesithing ya Kapa,” morutabana a tswelela.



“Fa a le kwa yunibesithing, Mulalo a tlhama mokgatlho o o bidiwang *Temescial*.

Se se emetse ‘Thekenoloji, melemo, le saense ya botlhe’ (*Technology, medicine, and science for all*).

Temescial e rotloetsa bašwa go ithutela Bonetetshi, Thekenoloji, Boenjeniri le Dipalo.

Morago, re tla batlisisa go le gontsi ka se.”



"Morago ga go falola dikerii ya gagwe ya ntlha, Mulalo a ya kwa Amerika. O ithutile le go ruta kwa diyunibesithing tsa koo.

O ithutile Bonetetsi le Dipalo tsa Tiriso. Dipalo ke eng?" morutabana Mary a botsa.

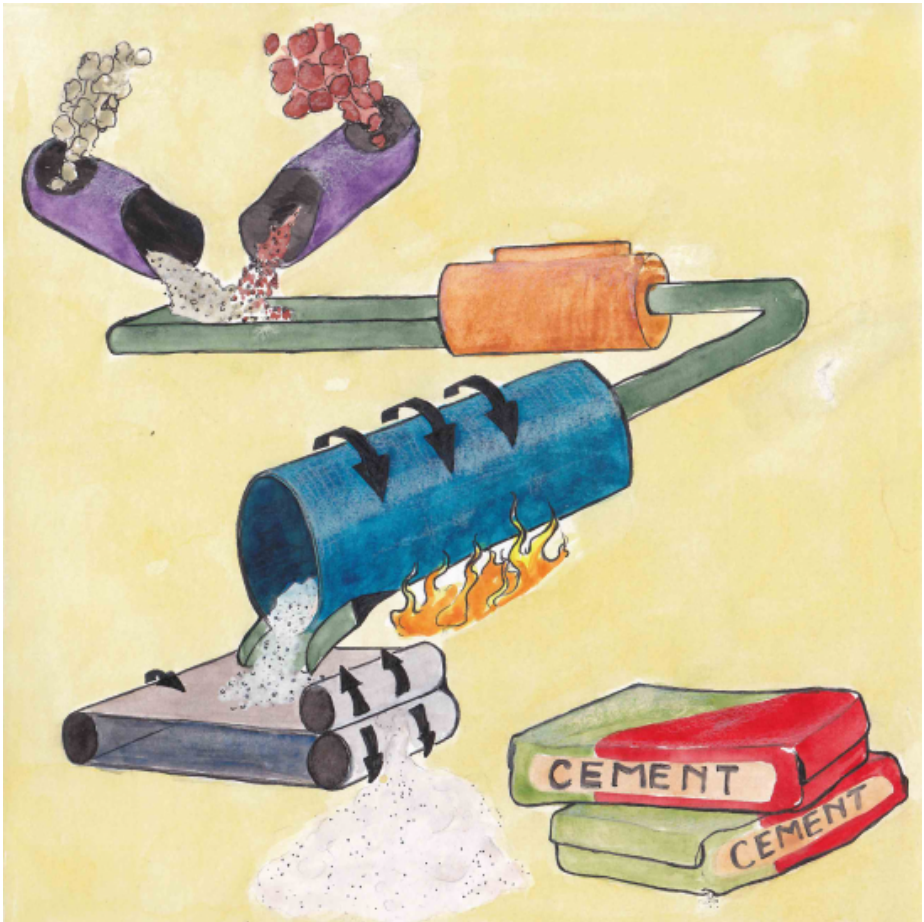
"Go ithuta dipalo, dipopego le dipaterone," ga bua Akani.



“Go siame, Akani,” ga bua morutabana.

A tswelela ka kgang ya gagwe.

“Mulalo o na le maemo a borutegi a bongaka. O fitlhetse dikerii e e kwa godimodimo, ya *PhD*. Morago ga e, o bidiwa ngaka. Ke mankge mo lephateng la Boenjeniri.”



“Pele nka le bolelela ka ga botlhami ba ga Mulalo, nte ke le gakolole ka ga sediriswa sa kago se se bidiwang samente,” ga bua morutabana.

“Samente e na le motswako wa matlapana a laeme, e dirisiwa thata mo dikagong tse dintsi.

Matlapa a epiwa, a thubiwe go nna boleta, a fisiwe go dira samente.”



“Barutwana, Mulalo o tlhamile sediriswa sa go aga se se se nang matlapa. Fela, se dirisa molora le matlakala a mangwe a madirelo.

Se se raya gore go a kgonega go dira samente kwa ntle ga matlapa a laeme go tswa mo lefatsheng. Se raya gore tikologo ga e a senngwa.”



"Mulalo o tlamile gape le motšhini wa go dira ditena tsa *Ecocast*. One o somarela metsi le maatla. Metsi ke sediriswa se se tlaelang!"

"Ga re a tshwanela go tlogela dithepe di bulegile mme metsi a elela," ga bua Jack.

"Ee, mongwe le mongwe o na le maikarabelo a go somarela metsi," Lulama a tlatsa.



"Ke gaufi le go feleletsa kgang ya me ka sethuuthu se se tsamaisiwang ke haeterojene. Sethuuthu seo se bidiwa *Ahifambeni*. Mulalo o tlamile serori se, le babatlisisi ba bangwe," morutabana a tlhalosa.s

"Sethuuthu sa haeterojene, ke botlhale boo!" ga bua Kulani.

"*Ahifambeni*. A re tsamayeng," ga bua Nkoka.



"A re yeng go ithuta Boenjeniri mme re tlhame dilo tse di botlhale!" ga bua Kulani.

"A re diriseng Saense le Thekenoloji go rarabolola mathata mme re natefelwe!" ga bua Nkoka.

"Ke itsitse gore kgang ya ga Mulalo e tla le rotloetsa!" ga bua morutabana Mary ka monyebo.

—Dipotso

1. O rata go ithutela eng? Ke goreng o batla go ithutela seo?
2. O nagana gore ke goreng Mulalo a nnile le kgatlhego ya go ithutela Saense le Boenjeniri?
3. Batlisisa go le gontsi ka mefuta e e farologaneng ya Boenjeniri.
4. Batlisisa go le gontsi ka Batlhami ba Aforika.
5. Dilo tse di tthamilweng ke Mulalo di sireletsa tikologo jang?
6. *STEM* ke eng? Tlhalosa gore ke goreng se le botlhokwa?
7. Ntle le Yunibesithi ya Kapa, batla tshedimosetso ya diyunibesithi tse dingwe tse supa tsa mo Aforikaborwa tse di rutang boenjeneri.
8. Tlhalosa gore ke goreng metsi e le motswedithuso o o tlhokafalang segolo.

—Dibuka tse di mo motseletseng o

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

Kanelo e tshamilwe le go kwalwa ka Xitsonga ka 2020, e le porojeke ya didiriswa tsa go buisa ya Zenex Ulwazi Lwethu.



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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Language: Setswana



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