



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

INTERNET ARTICLE

DWS award bursaries to three learners in Northern Cape

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The Department of Water and Sanitation (DWS) has awarded three learners from the Kimberley Girls High School comprehensive bursaries after they won the South African Youth Water Prize Provincial (SAYWP) competition.

The three learners (Isago Seane, Palesa Molale and Precious Nikani) as a group created a model that purifies water by sand filtration, osmosis and finally disinfecting the water.

According to DWS' 2020 Vision Coordinator, Jerry Moletsane, the bursary will pay for tuition, accommodation, meals and books for the learners at any accredited University of their choice in South Africa.

The learners couldn't hide their excitement after being announced as winners, an opportunity that will enable them to fulfil their dreams.

One of the winners, Palesa said this opportunity afforded to them by DWS is a step in the right direction in uplifting the youth.

"I am very excited and grateful to the Department of Water and Sanitation for affording us this opportunity and I intend pursuing studies in Hydrology", said Palesa.

Echoing her sentiments, Isago Seane said she intends studying Geo-Hydrology while Precious Nikani will pursue Environmental Management studies.

The learners say they were inspired to come up with the WAQUA project after a water pollution incident was reported in the community of GongGong, which is under the Dikgatlong Local Municipality.

They were investigating issues of pollution and discovered that microbes are responsible for the outbreak of waterborne diseases. They then developed a purification model which purifies water by sand filtration and osmosis, and finally disinfecting the water of microbes.

The SAYWP encourages learners to identify water and sanitation problems in their communities or schools, conduct research and come up with solutions.

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