



INTERNET ARTICLE

Mandlesive Secondary leads Crocodile sub-catchment to Provincial Science Schools Water Purification competition

05 March 2019

Mandlesive Secondary School will lead the Crocodile sub-catchment to the Provincial Science School competition to be held in the City of Mbombela on 14 March 2019. Mandlesive Secondary will be joined by Khaliphani and Sitintile Secondary Schools in representing the Crocodile sub-catchment against regional winners from the other sub-catchments in the Inkomati-Usuthu catchment management areas.

The Provincial competition is part of the National Water Week / Month celebrations and is meant to raise awareness on Integrated Water Resource Management (IWRM) and its role in the socio-economic development of the country. This is also intended to spark interest of learners in the field of science and engineering with specific focus on the water sector. As part of the competition, schools are expected to develop a water purification model to treat 5 liters of raw water up to a drinking water standard. This also educates learners on cost and efforts invested in providing portable drinking water to households.

The competition is an eye-opener and exposes the youth to the process of water purification and encourages wise water use as the learners get to understand the value of every drop of water.

“I have learnt a lot through this competition. While busy with this water purification project, it came to my attention that the water we drink is not just water, but it goes through many processes before being 100% and suitable for human consumption. I’m really grateful to our teacher, Mr Khoza for encouraging us to participate and his assistance as without his support our team would not have attained the first position and going to the finals”, said Mbali Nkosi, a grade 11 learner from the winning Mandlesive Secondary School.

The educator of the winning Mandlesive Secondary School team, Mr WT Khoza stated that he also learnt a lot through participating in this competition. “Firstly, I want to say that I am so happy and excited that my team took the first prize and going to the Provincial finals. It is a great achievement. It was not easy for the learners and me as we did not know where to start.





water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



We then embarked on research and I took the learners to the learners to Silulumanzi to gather more information of the process of water treatment. All in all, I learnt that water is the very important resource and it must always be treated very carefully”, he said.

Themba Khoza

