



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



SAASTA
South African Agency for Science
and Technology Advancement

NATIONAL SCIENCE WEEK

Deepening our Democracy through Science

28 July – 4 August 2018



Organisation:	University of Limpopo Science Centre	Project Leader:	Mrs. A. Potgieter	Province/s:	Limpopo
Connect with us	Website:	www.ul.ac.za			
	Facebook:	ULSEC			
	Twitter:	-			
	Phone:	015 268 3099/3519/2756			
	Email:	Annelize.potgieter@ul.ac.za			

National Science Week events and activities:

DATE & TIME	VENUE & LOCATION	ACTIVITY	AUDIENCE	CONTACT DETAILS	BOOKINGS REQUIRED?
28 July 2018 09:00	TBC	<p>Science in the Mall</p> <p>In this activity, the members of the public will learn some Science phenomena which are relevant to their daily lives. They will be able to see the importance of science as well as to change their attitude towards science. This will also break the myth that science is only for specific people e.g. students, scientist etc. Activities will include science shows and</p>	General Public	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	No It is an open invitation

		interactive exhibits			
30 July 2018 09:00-11:00 13:00-15:00	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng,	NSW Open Day Visitors at the science centre will be treated with a science show and will be taken around the science centre where they will explore hands-on interactive exhibits. They will also visit the herbarium, botanical gardens. The Fabrication lab will conduct a workshop for university students.	General Public University of Limpopo staff and students	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	No, It is an open invitation
31 July – 03 August 2018 09:00-10:00 11:00-12:00 14:00-15:00	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng	Puzzling Affair Mathematics workshop for children at primary school. This will be in form of Maths interactive exhibits, puzzles to demonstrate logical thinking, problem solving and mathematics concepts. This will also entail careers in Mathematics.	Grade 7-9 Learners	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	Yes, Call Ms. Salome Mamabolo at 015 267 3099
31-03 August 2018 09:00-10:30 14:00-15:00	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng	Fun with Biotechnology The activity will include a presentation introducing Biotechnology and its applications as well as its careers. Followed by experiments on cloning, DNA extraction and starch tests.	Grade 10-12 Learners	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	Yes, Call Ms. Salome Mamabolo at 015 267 3099
31-03 August 2018	Science Education Centre, University of Limpopo.	Crystallography Workshop	Grade 10-12 Learners	Sandile Rikhotso 015 268 2756/3099	Yes, Call Ms. Salome

09:00-10:30 14:00-15:00	University Road, Mankweng-B, Mankweng	This activity can bring participants to an insight into the origin, value and purpose of x-ray crystallography through presentation and hands-on experiments which will cover growing crystals links with the concepts solubility and saturated solutions; temperature effects, materials around us, Solid materials and their properties, mixtures, names and formulae compounds homogeneous and heterogeneous mixtures, solution, physical and chemical change		083 249 9572 Sandile.rikhotso@ul.ac.za	Mamabolo at 015 267 3099
31-03 August 2018 09:00-10:30 11:00-12:30 14:00-15:30	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng	Herbarium workshop Learners will be introduced to Indigenous useful plants of Limpopo and will also get a guided walk through the Mamabolo mountain bushveld.	Grade 7-12 Learners	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	Yes, Call Ms. Salome Mamabolo at 015 267 3099
30-03 August 2018 09:00-10:00 11:00-12:00 14:00-15:00	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng	Science Shows (Inhouse) Fun experiments/science shows demonstrating different scientific concepts in a fun way. Science shows will include pressure, , kitchen chemistry, music and sounds, in general they will cover chemistry, physics and technology concepts	Grade 7-12 Learners	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	Yes, Call Ms. Salome Mamabolo at 015 267 3099
31 July -03 August 2018 09:00-11:00	Schools in the Capricorn District	Science Shows and STEMI career awareness (Outreach to schools)	Grade 7-12 Learners	Sandile Rikhotso 015 268 2756/3099 083 249 9572	Yes, Schools will participate by

12:00-14:00		Fun experiments/science shows demonstrating different scientific concepts in a fun way. Science shows will include pressure, , kitchen chemistry, music and sounds, in general they will cover chemistry, physics and technology concepts. STEMI careers information will also be provided to learners in a form of pamphlets and presentation.		Sandile.rikhotso@ul.ac.za	invitation
03 August 2018	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng	Maths4Stats Educator Workshop An activity based workshop for grade 7-9 Mathematics educators on Data handling and probability. Educators will be taken through various ways of approaching these sections through series of activities so as to teach this section in the classroom with ease	Grade 7-9 Educators	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	Yes, teachers will participate by invitation
31 July – 03 August 2018 09:00-15:00	Science Education Centre, University of Limpopo. University Road, Mankweng-B, Mankweng	Science Education Science Centre Visit Learners will be taking through the exhibition of the science centre where they will explore hands on interactive exhibits. They will also visit the herbarium, botanical gardens as well as the Fabrication lab where they will be exposed to different STEMI concepts used in these sections. Exhibitors from outside as well as from the University will be invited to	Grade 7-12 Learners	Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za	Yes, Call Ms. Salome Mamabolo at 015 267 3099

		present career information in STEMI.			
04 August 2018 09:00-15:00	TBC	<p>Science in the Mall</p> <p>In this activity, the members of the public will learn some Science phenomena which are relevant to their daily lives. They will be able to see the importance of science as well as to change their attitude towards science. This will also break the myth that science is only for specific people e.g. students, scientist etc.</p>	General Public	<p>Sandile Rikhotso 015 268 2756/3099 083 249 9572 Sandile.rikhotso@ul.ac.za</p>	<p>No It is an open invitation</p>