



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

30 July – 4 August 2018



<b>Organisation:</b>	Vaal University of Technology	<b>Project Leader:</b>	Dr T. Qwebani-Ogunleye	<b>Province/s</b>	Gauteng
<b>Connect with us</b>	Website:	<a href="http://www.vut.ac.za">www.vut.ac.za</a>			
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	Twitter:	@mavutifamily			
	Phone:	016 930 5145			
	Email:	<a href="mailto:olathozie@gmail.com">olathozie@gmail.com</a>			

### National Science Week events and activities:

DATE & TIME	VENUE & LOCATION	ACTIVITY	AUDIENCE	CONTACT DETAILS	BOOKING REQUIRED?
31/07/18 09:00 – 11:00	VUT Southern Gauteng Science & Technology Park (VUT SGSTP) 5 Moshoeshoe Road, Sebokeng, Gauteng, South Africa 1983	<b>Public Lectures :</b>  * <b>Indigenous Knowledge Systems</b>  * <b>3D Printer.</b>	- Thuto Tiro Comprehensive School  - Thuto-Lore Secondary School  - VUT staff & students  - General Public	Ms Modiehi Morakile  016 950 6856 <a href="mailto:modiehim1@vut.ac.za">modiehim1@vut.ac.za</a>	Yes  Ms Modiehi Morakile <a href="mailto:modiehim1@vut.ac.za">modiehim1@vut.ac.za</a>

<p>31/07/18 11:00 – 15:00</p>	<p>VUT SGSTP 5 Moshoeshoe Road, Sebokeng, Gauteng, South Africa, 1983</p>	<p><b>Mathematics, Science show and exhibitions</b> <b><u>The Science Show</u></b> A 20-minutes theatre play inspiring and encouraging learners to take Mathematics and Science as subjects of choice in high school.</p> <p><b><u>Careers</u></b> This exercise aims at ensuring that learners can understand different careers and what they are all about. It also prepares them to make the right career choices.</p> <p><b><u>Theatre Sports (in Science)</u></b> This is to test the learners' knowledge when it comes to science and technology</p> <p><b><u>Facility Tour</u></b></p>	<p>The play caters for a variety of audiences including parents, teachers as well as students. Public is allowed.</p>	<p>Mr Moeketsi Montshintshi 016 930 5006 <a href="mailto:moeketsim@vut.ac.za">moeketsim@vut.ac.za</a></p>	<p>Yes Mr Moeketsi Montshintshi <a href="mailto:moeketsim@vut.ac.za">moeketsim@vut.ac.za</a></p>
<p>01/08/18 09:00 – 11:00</p>	<p>VUT SGSTP 5 Moshoeshoe Road, Sebokeng, Gauteng, South Africa, 1983</p>	<p><b>Public Lectures :</b> <b>*Nanotechnology in improving the lives of South Africans</b> <b>*Science and Community Engagement</b></p>	<p>-Sizanani Secondary School -Lebohang Secondary School -VUT staff &amp; students -General Public</p>	<p>Ms Modiehi Morakile 016 950 6856 <a href="mailto:modiehim1@vut.ac.za">modiehim1@vut.ac.za</a></p>	<p>Yes Ms Modiehi Morakile <a href="mailto:modiehim1@vut.ac.za">modiehim1@vut.ac.za</a></p>

<p>01/08/18</p> <p>11:00 – 15:00</p>	<p>VUT SGSTP</p> <p>5 Moshoeshoe Road, Sebokeng, Gauteng, South Africa, 1983</p>	<p><b><u>Mind Games (Maths)</u></b> They include games which involve learners to problem-solve quizzes and calculations:</p> <ul style="list-style-type: none"> <li>*Moving sticks</li> <li>*Connecting the dots</li> <li>*Dominos</li> <li>*Number-number etc.</li> </ul> <p><b><u>Experiments (Science)</u></b> Here the learners experience live experiments and get to analyse together with the facilitator to understand the theory behind:</p> <ul style="list-style-type: none"> <li>*Can in a glass</li> <li>*Place the bottle cap</li> <li>*Balloon and a candle</li> <li>*Fishing for ice</li> </ul> <p><b><u>Science is Fun</u></b> Come and enjoy the Science! It is pops! It is colourful, fun and mind blowing....! Because Science is fun!</p> <p><b><u>Facility Tour</u></b></p>	<p>The play caters for a variety of audiences including parents, teachers as well as students and staff.</p> <p>Public is allowed.</p>	<p>Mr Moeketsi Montshintshi</p> <p>016 930 5003 <a href="mailto:moeketsim@vut.ac.za">moeketsim@vut.ac.za</a></p>	<p>Yes</p> <p>Mr Moeketsi Montshintshi <a href="mailto:moeketsim@vut.ac.za">moeketsim@vut.ac.za</a></p>
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<p>02/08/18</p> <p>09:00 – 11:00</p>	<p>VUT SGSTP</p> <p>5 Moshoeshoe Road, Sebokeng, Gauteng, South Africa, 1983</p>	<p><b>Public Lectures :</b></p> <p><b>*Women in Science</b> <b>*Chemistry the Central Science</b></p>	<p>-VUT staff &amp; students</p> <p>-General public</p>	<p>Ms Modiehi Morakile</p> <p>016 950 6856 <a href="mailto:modiehim1@vut.ac.za">modiehim1@vut.ac.za</a></p>	<p>Yes</p> <p>Ms Modiehi Morakile <a href="mailto:modiehim1@vut.ac.za">modiehim1@vut.ac.za</a></p>
<p>02/08/18</p> <p>11:00 – 15:00</p>	<p>VUT SGSTP</p> <p>5 Moshoeshoe Road, Sebokeng, Gauteng, South Africa, 1983</p>	<p><b>Careers</b></p> <p>This exercise aims at ensuring that learners can understand different careers and what they are all about. It also prepares them to make the right career choices.</p> <p><b>Quiz and Puzzle</b></p> <p>Test your knowledge and claim the prize!!! How much do you know about your subject matter? It is school versus school and Grade versus Grade!!! Are you made for the cut? Come claim your prize!!</p> <p><b>Chemistry laboratory demonstrations</b></p> <p><b>3-D Printing presentation</b></p> <p><b>Engineering demonstrations</b></p>	<p>-VUT staff &amp; students</p> <p>-General public</p>	<p>Mr Moeketsi Montshintshi</p> <p>016 930 5006 <a href="mailto:moeketsim@vut.ac.za">moeketsim@vut.ac.za</a></p>	<p>Yes</p> <p>Mr Moeketsi Montshintshi <a href="mailto:moeketsim@vut.ac.za">moeketsim@vut.ac.za</a></p>

03/08/18	Off Campus	Industry Visit	VUT B-Tech students		<b>Not open to the general public.</b>
09:00 – 15:00			<b>Not open to the general public</b>		