



science  
& technology

Department:  
Science and Technology  
REPUBLIC OF SOUTH AFRICA

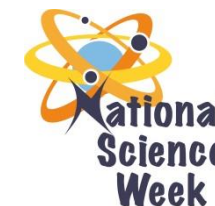


SAASTA  
South African Agency for Science  
and Technology Advancement

# NATIONAL SCIENCE WEEK

Deepening our Democracy through  
Science

28 July – 4 August 2018



<b>Organisation:</b>	SAEON	<b>Project Leader:</b>	Nozipiwo Hambaze	<b>Province/s</b>	EC
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	<b>Twitter:</b>	@Saeonews			
	<b>Phone:</b>	041 504 4031			
	<b>Email:</b>	<a href="mailto:nozipiwo@saeon.ac.za">nozipiwo@saeon.ac.za</a>			

## National Science Week events and activities:

DATE & TIME	VENUE & LOCATION	ACTIVITY	AUDIENCE	CONTACT DETAILS	BOOKING REQUIRED?
30/07/2018 9am – 1pm	Department of Education, Algoa College Struandale Port Elizabeth	<p><b>Understanding our coasts</b> <i>Helping learners and community to understand what is happening in Algoa Bay and also understand the influence of weather influence in Algoa bay</i></p> <p>In this activity there will be other exhibitors, such as Bayworld, SAIAB, SANCOOB, SAWS, Sustainable Seas Trust, etc. Learner will interact with marine science equipment. There will be a biodiversity game that will introduce learners to classification of marine organisms. The game will be used to discuss various biological concepts. Also learners will also</p>	<p>Selected High School learners and their educators</p> <p>Public and College Community</p>	<p>Nozi [041 5044031] <a href="mailto:nozipiwo@saeon.ac.za">nozipiwo@saeon.ac.za</a></p>	No bookings for public and community.

		analyse and interpret weather maps, this activity will be guided by two women weather forecasters. Learners will also compare weather data of coastal and inland town is South Africa.			
[31 /07/2018] [ 9am -15h00]	[Ocean Sciences Campus] [4 Gomery Ave, NMU]  Nelson Mandela University	<b>Open day</b>  <b><i>Ocean Sciences Tour</i></b>  Learners will visit the ocean sciences and will be guided through various instruments (CTDs, Bouys, Bruvs, etc) used at sea specifically in the Algoa Bay. They will also be shown the decompression chamber and how it works to resuscitate the divers should they experience difficulty diving. They will also identify and count species (taxonomy) of microorganisms using camera microscope.	High school learners  General Public	Nozi 041 5044031  <a href="mailto:nozipiwo@saeon.ac.za">nozipiwo@saeon.ac.za</a>	No
01/08 /2018 9am – 12h00	NMU Auditorium  North campus	<b>Public presentations</b> Dr Nicci James <b><i>The effect of climate change on estuaries.</i></b> Dr Shirley Parker- Nance <b><i>The hidden treasures of Algoa Bay</i></b>	Paterson High School  Sanctor High School  <i>Public is invited</i>	Nozi 041 5044031  <a href="mailto:nozipiwo@saeon.ac.za">nozipiwo@saeon.ac.za</a>	No.
02/08/2018 9am – 11am	Marine drive	<b>Dune vegetation, stromatolites &amp; / Rocky shores</b> The learners will visit coastal environments for a fun guided tour program that is tailor made for their specific grade. A scientist will take and	Selected high-school students  General public	Nozi 041 5044031  <a href="mailto:nozipiwo@saeon.ac.za">nozipiwo@saeon.ac.za</a>	Booking open to public

		guide them through sand dunes, rocky shores and stromatolites by sampling water for salinity, temperature, nutrients, turbidity dissolved oxygen. Learners will record data, identify and count species in these environments			
03/08/2018 9am- 13h00	Paterson community hall. Paterson	<p><b>Understanding our coasts</b> <i>Helping learners and community to understand how does the weather influence Algoa bay</i></p> <p>In this activity there will be other exhibitors, such as Bayworld, SAIAB, SANCOOB, SAWS, Sustainable Seas Trust, etc. Learner will interact with marine science equipment. There will be a biodiversity game that will introduce learners to classification of marine organisms. The game will be used to discuss various biological concepts. Also learners will also analyse and interpret weather maps, this activity will be guided by two women weather forecasters from PE weather office.</p>	Sandisulwazi & Hendrick Kanise  General public	Nozi 041 5044031  <a href="mailto:nozipiwo@saeon.ac.za">nozipiwo@saeon.ac.za</a>	No