

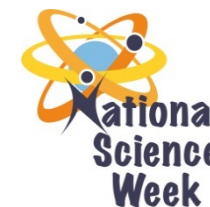


science
& technology
Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



SAASTA
South African Agency for Science
and Technology Advancement

NATIONAL SCIENCE WEEK 2017



ORGANISATION NAME:		➤ The KZN Science Centre					
CONNECT WITH US ONLINE		Twitter:	>@KZNScienCentre				
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DATE OF ACTIVITY	DISTRICT WHERE ACTIVITY BEING HELD	VENUE WHERE ACTIVITY IS TAKING PLACE	ACTIVITIES (Provide a short description of the activity)	TARGET AUDIENCE	TIMESLOT	CONTACT PERSON EMAIL ADDRESS PHONE NUMBER	BOOKING REQUIRED (YES OR NO)
5 August 2017 6 August 2017	eThekweni Municipality	Phoenix Plaza KwaMnyandu Shopping Centre	<p>➤ The Discover South Africa Tour</p> <p>Fun, interactive and educational stands aiming at raising the general profile of science within the general community or public and also exploring the many milestones that have been reached by South Africa's scientists. The exhibition stands will be based at KwaMnyandu Shopping Centre, Bridge City Shopping Centre, Chatsworth Centre and Phoenix Plaza. The stands will include activities which are not limited to the below:</p> <ul style="list-style-type: none"> • Puzzles based on South Africa's Exploration and science discoveries • Water Conservation Exhibition showcasing the importance of reduced water usage and wastage. DIY water science based experiments and workshops • Scale Model of Moses Mabhida 	Public	9am – 4pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	No

			<ul style="list-style-type: none"> • Science Show 				
7 August 2017	Ugu District	TBC (4 schools per day)	<p>➤ Mathematics Theme</p> <p>Activities based on adding excitement and encouraging learners to enjoy Mathematics. These activities includes the following:</p> <ul style="list-style-type: none"> • It All Add Up • The Mean, Median and Mode Game Card 	Learners Educators	Morning Session 9am-11am Afternoon Session 12-2pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	Yes
8 August 2017	Ugu District	TBC (4 schools per day)	<p>➤ Marine Science Theme</p> <p>Educational activities aimed at allowing learners to explore the many layers that make up oceans, the marine life existing in the various layers and effect of our changing world on these organisms. It will be showcased through the following activities:</p> <ul style="list-style-type: none"> ○ Depths of our oceans ○ Ocean Exploration ○ Salt Water to Fresh Water 	Learners Educators	Morning Session 9am-11am Afternoon Session 12-2pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	Yes
9 August 2017	uMgungundlovu District	TBC (4 schools per day)	<p>➤ Paleontology</p> <p>From the plains of the Great Karoo to the limestone caves of Maropeng, some of the world's richest fossils remain and artefacts were discovered in and around South Africa. These findings have provided an astonishing insight into early mankind, prehistoric dinosaurs and their ancient habitats. In this practical students, will examine and stretch various trace fossils from unknown creates and then construct an image of the animal they believed produced these fossils. The following activites will be showcased:</p> <ul style="list-style-type: none"> ○ Timeline of our world ○ Fossil puzzler ○ Fast forming fossils 	Learners Educators	Morning Session 9am-11am Afternoon Session 12-2pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	Yes

			<ul style="list-style-type: none"> ○ Tour beneath the surface of the Earth 				
10 August 2017	iLembe and eThekwini Municipality	TBC (4 schools per day)	<ul style="list-style-type: none"> ➤ Biodiversity Theme <p>Learners will be able to explore the ecosystems found in different biomes of South Africa and further construct food webs based on the organisms found in these biomes.</p> <ul style="list-style-type: none"> ○ Finding Food Webs ○ A Journey through the Dirt 	Learners Educators	Morning Session 9am-11am Afternoon Session 12-2pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	Yes
11 August 2017	iLembe and eThekwini Municipality	TBC (4 schools per day)	<ul style="list-style-type: none"> ➤ Energy Theme <p>This activity will create aware of electricity consumption and how it affects everyone socially and economically. It will be beneficial to the learners as it part of CAPS syllabus. The following activities will be conducted</p> <ul style="list-style-type: none"> ○ Electric circuits ➤ Determining internal resistance 	Learners Educators	Morning Session 9am-11am Afternoon Session 12-2pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	Yes
12 August 2017	eThekwini Municipality	Durban ICC (IBV Children's VIP DAY)	<ul style="list-style-type: none"> ➤ Space Science & Technology Theme <p>The workshop is designed to give children an insight into the life of a rocket scientist and the basic concepts of satellite design. Children will be tasked to create real-life scaled models of actual satellites that orbit in our atmosphere currently using a given template. These cutouts will allow the learners to mix and match designed in order to create their own version of a modern satellite.</p> <ul style="list-style-type: none"> ● Build a satellite Model ● Thousand Yard Model <p>This will give the science centre team to share their experiences with under privileged children from 38 children's homes</p>	Public	9am-2pm	Kesigan Govender kesigang@kznsc.org 084 818 3660 Celiwe Chauca celiwec@kznsc.org 084 770 3835	Yes

Notes: An invitation has been sent through to the schools. They will confirm participation in July.