



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: | ANGLO-AMERICAN SCIENCE CENTRE | Project Leader: | S SIMELANE | Province/s: | MPUMALANGA |
| Connect with us | Website: | Vodacom digitalclassroom | | | |
| | Facebook: | WitbankICT.org | | | |
| | Twitter: | NSW2018AASC @NSW2018A | | | |
| | Phone: | 073 029 3014 | | | |
| | Email: | solly.simza@gmail.com | | | |

National Science Week events and activities:

| DATE & TIME | VENUE & LOCATION | ACTIVITY | AUDIENCE | CONTACT DETAILS | BOOKINGS REQUIRED? |
|---------------------------|--|--|---|--|--|
| 30/07/2018 09h00-12h00 | Hlonipha Secondary school- Vezubuhle village-KwaMhlanga | Electricity generation Demonstration of how to use a potato to generate electricity. Calculator will be connected by electrical wires to the potato to power it. | General public, teachers, learners of the school and surrounding schools. | Solly 073 029 3014/ 060 776 9241 solly.simza@gmail.com | No. It is a walk-in for anyone interested. |
| 13h00-16h00 | Phola Mall-Moloto road, Thembaletu village | Creating alternative aircon Participants will be shown how you can use a simple fan, plastic bottles & ice to create an air conditioner. | General public. | | |
| 31/07/2018 09h00-12h00 | KwaMhlanga High school- KwaMhlanga | | General public, teachers, learners of the school and surrounding schools. | Solly 073 029 3014/ 060 776 9241 solly.simza@gmail.com | No. It is a walk-in for anyone interested. |
| 13h00-16h00 | KwaMhlanga Taxi rank- KwaMhlanga cross road. | | General public. | | |

| | | | | | |
|--|--|---|---|--|---|
| <p>01/08/2018 09h00-12h00</p> <p>13h00-16h00</p> | <p>Mafu Secondary school- Kwaggafontein A.</p> <p>Entokozweni Secondary school- Kwaggafontein C.</p> | <p>Building a battery Using household items (bleach, foil, paper towel, copper wire, LED light, portable fan/clock) to build a battery.</p> <p>Leading healthy lifestyle Demonstrate to the audience the different sugar levels contained in their daily edibles such as apples, bananas, soft drinks (e.g. coke), carrots and sweet potatoes. The demonstrator will use test strips to test sugar levels of these edibles in order to indicate to the audience the role these edibles play in the healthy lifestyle. The strip will change in varying colours, dependant on the level of sugar/glucose in the edible. The demonstrator will be able to then advise the public on healthier edible options e.g. Coke vs fruit juice.</p> <p>Maths Puzzles Audience will participate in various maths games (puzzles and mind games).</p> <p>Career exhibitors Audiences will be visiting stalls of various exhibitors for presentations and demonstrations.</p> | <p>General public, teachers, learners of the school and surrounding schools.</p> <p>General public, teachers, learners of the school and surrounding schools.</p> | <p>Solly 073 029 3014/ 060 776 9241 solly.simza@gmail.com</p> | <p>No. It is a walk-in for anyone interested.</p> |
| <p>02/07/2018 09h00-12h00</p> <p>13h00-16h00</p> | <p>Bongumusa High school- Tweefontein D.</p> <p>Sithobelane primary school- Gemsbokspruit.</p> | <p>General public, teachers, learners of the school and surrounding schools.</p> <p>General public, teachers, learners of the school and surrounding schools.</p> | <p>Solly 073 029 3014/ 060 776 9241 solly.simza@gmail.com</p> | <p>No. It is a walk-in for anyone interested.</p> | <p>No. It is a walk-in for anyone interested.</p> |