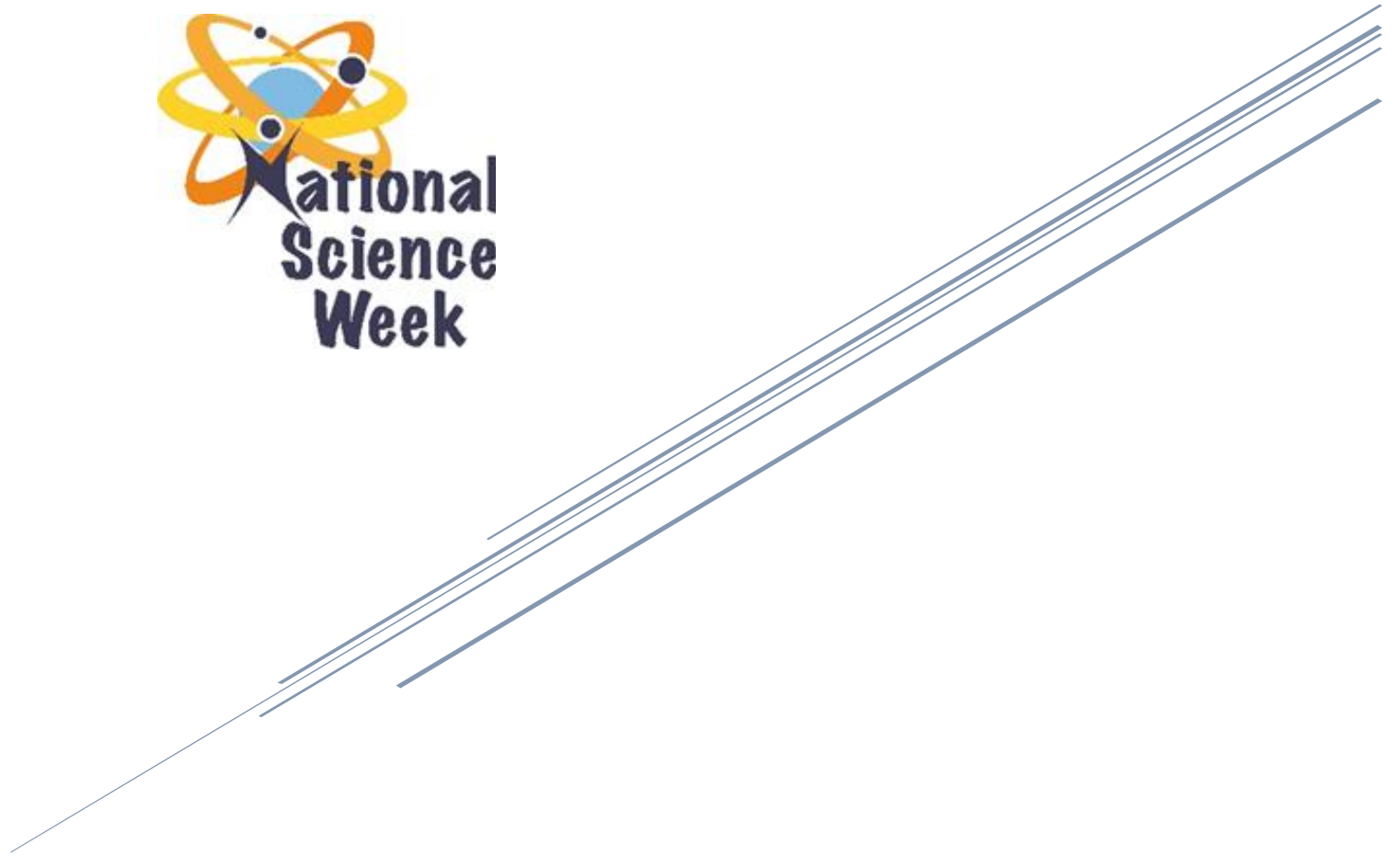
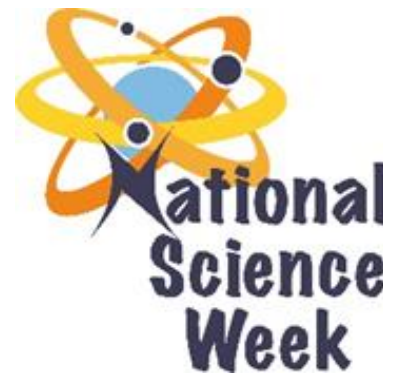


# NATIONAL SCIENCE WEEK

Highlights for NSW 2017



# HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

## Eastern Cape

| Date Of Activity  | District Where Activity Being Held | Venue Where Activity Is Taking Place                 | Activities  | Target Audience                           | Timeslot                       | Contact Person<br>Email Address<br>Phone Number  | Booking Required<br>(Yes Or No) |
|---|------------------------------------|--|---|---|--------------------------------|--|---------------------------------|
| <b>FOSST Discovery Centre, University of Fort Hare</b>    |                                    |  |   |   |                                |  |                                 |
| 10 August 2017  | Buffalo City & Amathole            | Community Halls and schools                          | <b>Outreach programme:</b> FOSST-DC will go to a community engagement programme to a school within our range to reach out learners ,the main focus of this, is to reach learners with disabilities and general public who did not participate in NSW  | Public                                    | 4 hrs                          | kntongana@ufh.ac.za  | Yes                             |
| <b>Nelson Mandela Bay Science &amp; Technology Centre</b> |                                    |  |   |   |                                |  |                                 |
| 10 August 2017  | Nelson Mandela Bay Municipality    | Nelson Mandela Bay Science & Technology Centre       | <p>The learners &amp; educators will be visiting the Nelson Mandela Bay Science &amp; Technology Centre where they will explore and interact with different exhibits on Automotive, Energy &amp; electricity, momentum Biology &amp; life, etc. The visit will include talks by a Pharmacy lecturer from Rhodes University and a postgraduate student from NMMU and an NMBSC staff. The talks aim to expose the learners to the different career opportunities in STEM focusing more on Pharmacy, Chemistry and Biotechnology.</p> <p>The learners &amp; teachers will also have an opportunity to do a hands-on interactive pharmacy, chemistry and biotechnology experiments.</p> | 240 learners and 8 teachers (6,7,9,10,11) | 09:00 – 11:00<br>12:00 – 14:00 | Noma/Singa<br>041 991 5000<br><a href="mailto:singa@uddi.co.za">singa@uddi.co.za</a><br><a href="mailto:Noma@uddi.co.za">Noma@uddi.co.za</a> | Invited schools only            |
| 11 August 2017  | Nelson Mandela Bay Municipality    | Kwanobuhle Shopping Complex and Lovelife Youth Radio | The Nelson Mandela Bay Science & Technology Centre team will setup an exhibition stall at the Kwanobuhle Shopping Complex, where the public could have the opportunity to interact with the exhibits, while being exposed to science shows, which focus on everyday life concepts. There will also be competitions for the community members. We will also have a slot at the Lovelife youth radio where we will be talking about The National Science Week and the Importance of STEM.   | 500 community members                     | 10:00 – 15:00                  | Noma/Singa<br>041 991 5000<br><a href="mailto:singa@uddi.co.za">singa@uddi.co.za</a><br><a href="mailto:Noma@uddi.co.za">Noma@uddi.co.za</a> | No                              |

| Rhodes University (RU) – Grahamstown      |                              |   |   |   |                                    |   |     |
|---|------------------------------|---|---|---|------------------------------------|---|-----|
| 5 August 2017                             | Sarah Baartman District      | Rhodes University, Grahamstown                              | <p><b><u>RU Faculties of Science and Pharmacy Open Day</u></b></p> <p>During this day, Saturday morning from 09h00 – 13h00, various Departments will hold activities aimed at grade 9 learners their parents/guardians and teachers. These activities will range from career talks, hands-on experiments, demonstrations, lectures on the various subjects, depending on what the Department's staff and students have to offer.</p> <p>The aim will be to convince learners how important it is to choose maths, Physical Sciences and Life Sciences for subjects to take to grade 12 and get them excited about Science as a possible career choice.</p>  | learners, educators and public.               | 8:00 – 13:00                       | Kim Weaver<br><a href="mailto:k.weaver@ru.ac.za">k.weaver@ru.ac.za</a><br>0466037702                      | YES |
| South African Institute of Physics (SAIP) |                              |   |   |   |                                    |   |     |
| 7 August 2017                             | Krugersdorp<br><br>Diepsloot | Lodirile Secondary School<br><br>Diepsloot Secondary School | Interacting with Grade 10, 11 and 12 learners. We will also be interacting with their educators   | - Grade 10, 11 and 12 learners<br>- Educators | 09:00 – 12:00<br><br>14:00 – 16:30 | <a href="mailto:moloisj@unisa.ac.za">moloisj@unisa.ac.za</a><br><br>0116709067                            | No  |
| 07 August 2017                            | Vhembe                       | Patrick Ramaano Secondary                                   | Motivational talks and Displaying Creative Physics. Use Galileoscopes to teach learners about stars.  | Grade 8 -12                                   | 08:00 - 15:00                      | Eric.Maluta@univen.ac.za<br><br>08170950321   | No  |
| SANSA Earth Observation                   |                              |   |   |   |                                    |   |     |
| 09 August 2017                            | Chris Hani                   | Queenstown<br><br>Community Hall                            | <p><b>Activity 1:</b> Showcase the power of space application of Earth Observation to demonstrate changes that take place at a given location over time. The tool of Google Earth, which is freely available to anyone with internet access, will be used to showcase this change detection over time using examples of local areas visited, complemented by the SANSA satellite imagery archive data. This activity can be adapted for various target audiences.</p> <p><b>Activity 2:</b> Use Google Earth Pro, available for free to any user, to conduct a virtual tour of South Africa's space industry players distribution across the 9 provinces, from satellite manufacturers, Assembly,</p> | Public  | 11h00 – 14h00                      | Mr. Wongama Tengela<br><a href="mailto:wtengela@sansa.org.za">wtengela@sansa.org.za</a><br><br>0834306827 | Yes |

|                                    |                                |   |   |                                       |             |   |     |
|------------------------------------|--------------------------------|---|---|---------------------------------------|-------------|---|-----|
|                                    |                                |   | <p>Integration and Testing (AIT) facilities, various users of space technology applications, examples of societal benefit areas relevant to the 4 districts chosen will be given. This activity is also adaptable to any target audience.</p> <p><b>Activity 3:</b> The Mathematics of outer space showcased for learners in the school system from remote sensing, space operations, and GIS linked to the Mathematics curriculum.</p> |                                       |             |   |     |
| <b>Science Spaza</b>               |                                |   |   |                                       |             |   |     |
| 5-12 August 2017                   | Nationally                     | Television (Hectic Nine-9, SABC 2, 4pm) | <p>Short films about Science and Rocks in Tourism Locations</p> <p>Short films about young people creating hip hop songs about science and rocks in tourism locations</p>   | Youth                                 | 4pm – 5pm   | <p>Sthabile Mazubane</p> <p>+27 (0)81 367 5996</p>  | N/A |
| <b>Scifest Africa</b>              |                                |   |   |                                       |             |   |     |
| 7 August                           | Chris Hani                     | Cofimvaba                               | Scifest-on-the-Road will promote the awareness, appreciation and understanding of science amongst learner's and educators. The programme will consist of learner's workshops, an educator workshop, a science show and an educational theatre production  | Learners and Educators                | 08h00-14h00 | <p>Pumza Tshebe</p> <p>046 603 1106</p>   | No  |
| <b>Umtata International School</b> |                                |   |   |                                       |             |   |     |
| 08 & 09 August 2017                | OR Tambo District Municipality | Umtata International School             | Street theatre: This will involve Music, poetry, drama, etc. to market or emphasise on NSW theme and objectives. To involve ECD learners and their parents.   | Learners, general public and teachers | 09h00-14h00 | <p>Mrs Petse PP</p> <p><a href="mailto:Phindiwe.petse@ecdoe.gov.za">Phindiwe.petse@ecdoe.gov.za</a></p> <p>073 331 9658</p> | YES |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### Free State

| Date Of Activity                                       | District Where Activity Being Held                   | Venue Where Activity Is Taking Place | Activities  | Target Audience  | Timeslot        | Contact Person<br>Email Address<br>Phone Number   | Booking Required<br>(Yes Or No) |
|--|--|--------------------------------------|---|--|-----------------|---|---------------------------------|
| <b>Central University of Technology - Bloemfontein</b> |  |                                      |   |  |                 |   |                                 |
| 07 and 08 August 2017                                  | Mangaung Metropolitan Municipality                   | Tempe (Army base)                    | Parachute exhibition and demo at the Tempe (Army base)  | Public Learners<br>Educators<br>Students<br>Decision Makers<br><br>Journalists<br>Scientists | 5 hours per day | Colonel VD Maseko, Brigade Commander; Tel: 051 402 1501;<br><br>Mrs C Keet; Communication officer, Tel: 051 402 1500.                           | yes                             |
| 09 August 2017   | Mangaung but also showcasing Xhariep (Jagersfontein) | Central University of Technology     | Breaking Boundaries: Acknowledging and Empowering Women | Public Learners<br>Educators<br>Students<br>Decision Makers<br><br>Journalists<br>Scientists | 5 hours         | Dr M Masinde – Doctorate in Information Technology; Tel: 0515073091;<br><br>Dr J Hattingh- Doctorate in Tourism and Management Tel: 0515073288; | yes                             |

| <b>Motheo District Teachers Development Centre</b> |                                    |  |   |  |                                       |   |     |
|--|------------------------------------|--|---|--|---------------------------------------|---|-----|
| 8 August 17  | Mangaung Metro                     | Planetarium, Naval Hill                                | Understanding the solar system. Introduction to planets and the Milky Way Galaxy.   | Learners & Educators                         | 12h00                                 | Prof Hoffman M<br><a href="mailto:hoffmam@ufs.ac.za">hoffmam@ufs.ac.za</a>                    | Yes |
| 9 August 17  | Thabo Mofutsanyana                 | Thitapoho Farm, Tweespruit                             | Extraction of essential oils from trees and plants. Observing the distillation process.   | Public, Learners & Educators                 | 12h00                                 | Mr Kobo L<br><a href="mailto:letsikik@gmail.com">letsikik@gmail.com</a><br>082 561 1361       | No  |
| <b>National Museum - Bloemfontein</b>              |                                    |  |   |  |                                       |   |     |
| 5,7,8,10,11,12 Aug 2017                            | Mangaung Metropolitan Municipality | Fichardtpark Public Library,<br>Trevor Barlow, Library | Temporary exhibitions at local libraries” Through these exhibitions we will show equipment scientists in die various research departments at the National Museum use to do their jobs as well as interesting artefacts from various research departments. | General public visiting the libraries = 2500 | Whole day that the libraries are open | A van Staden<br><a href="mailto:ancilia@nasmus.co.za">ancilia@nasmus.co.za</a><br>051 4479609 | No  |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### Gauteng

| Date Of Activity                  | District Where Activity Being Held | Venue Where Activity Is Taking Place | Activities   | Target Audience                                     | Timeslot         | Contact Person<br>Email Address<br>Phone Number  | Booking Required<br>(Yes Or No)          |
|-----------------------------------|------------------------------------|--------------------------------------|--|---|------------------|--|--|
| <b>ARCELORMITTAL SOUTH AFRICA</b> |                                    |                                      |  |   |                  |  |  |
| 07-11 August 2017                 | Sedibeng                           | D 3                                  | SciFUN – For The Love of Science<br><br>Generate the Appreciation of science as a subject for the Sedibeng public<br><br>Play science-based games  | All   | 8:30 – 15:30     | Mzwandile Maphanga and Lawrence Mutwautshila<br><br>0169880507   |  |
| <b>Delta Environmental Centre</b> |                                    |                                      |  |   |                  |  |  |
| 11 August 2017                    | West Rand Municipality District    | Langu Primary School                 | DEC's educational team will visit Langu Primary School to facilitate the "Exploring Biodiversity" Through these activities, learners and educators as well as the parents and members of the local community will be aware of the contribution of STEMI to sustainable development and improved quality of life and the protection of the South African biodiversity heritage. | Grade 6 & 7 learners<br>Educators<br>General public | 9.30am – 12.30pm | Malusi Vatsha<br><a href="mailto:malusi@bathusi.biz">malusi@bathusi.biz</a><br>011 888 4831 / 082 332 4270 | YES<br>(arrangements made with Langu PS) |

| JNF Walter Sisulu Environmental Centre, Mamelodi |            |   |   |                                      |            |  |     |
|--|------------|---|---|--------------------------------------|------------|--|-----|
| 8 August 2017                                    | Tshwane    | JNF Walter Sisulu Environmental Centre Mamelodi | <p><b>Medicinal and useful Plants.</b></p> <p>Training workshop for local community. Get to know the traditional uses of some indigenous trees; prepare remedies such as mosquito repellent and cold remedies. Learn propagation skills such as making cuttings and separating plants.</p>  | Local community and community groups |            | <a href="mailto:christa@wsec.org.za">christa@wsec.org.za</a><br>012 8013 197 | Yes |
| MATHS OUR WORLD                                  |            |   |   |                                      |            |  |     |
| 05 – 09 August 2017                              | Ekurhuleni | Golden walk mall. Germiston                     | <p><b>Family Maths- helping parents become more involved in their children’s maths education</b></p> <p>It has been proven that family involvement in the education of children has a great deal of benefits. In this activity, the facilitator will use games to discuss various mathematical concepts with learners and parents. The facilitator will demonstrate how maths is expressed in various daily activities like waking up in the morning, going to school, going to the grocery store, counting money, telling time, fractions etc. The facilitator will also show that learners and parents can make their own</p> | 1000                                 | 10am -12pm | Lihle-<br>076 806 2507   | Yes |



|                                   |  |  |  |   |   |   |            |
|-----------------------------------|--|--|--|---|---|---|------------|
|                                   |  |  | mathematical games from recycled material.   |   |   |   |            |
| <b>Moipone Academy</b>            |  |  |  |   |   |   |            |
| 5 August 2017                     | Ekurhuleni District                            | Rabasothe Hall - Tembisa   | Official opening, Presentations, Role modelling lecture, Exhibition and science shows demonstrations   | General Public  | 9h00 – 14h00                                | Joseph Taetsane<br><a href="mailto:taetsanelj@gmail.com">taetsanelj@gmail.com</a><br>0829798898   | No         |
| <b>National Zoological Garden</b> |  |  |  |   |   |   |            |
| 5, 6, 9, 12 & 13 August 2017      | Tshwane, Gauteng                               | NZG  | Interactive displays for zoo visitors  | Zoo visitors of all ages                                      | 9h00 – 15h00                                | Ulrich Oberprieler<br><a href="mailto:Ulrich@nzg.ac.za">Ulrich@nzg.ac.za</a><br>102 339 2743  | No         |
| <b>Sci-Bono Discovery Centre</b>  |  |  |  |   |   |   |            |
| 7 - 12 August 2017                | City Of Johannesburg Metropolitan Municipality | <b>Inreach:</b> Sci-Bono; Speak To A Scientist:<br><b>Outreach:</b> Sakhumzi(Soweto) | <b>Inreach:</b> We will be having workshops and mathematics shows, Planetarium, Exhibitors and Presenters: <b>Public Scientific Talk</b> and <b>Outreach:</b> Sakhumzi is an institution, must do after visiting Mandela's house, definitely a tourist attraction Place. | Learners and Public Members for scientific Talk late at night | <b>Inreach:</b> 9:00-13:00 and :18:30-20:00 | <b>Christinah Raphahlelo</b><br><a href="mailto:Christinah.raphahlelo@sci-bono.co.za">Christinah.raphahlelo@sci-bono.co.za</a><br><b>083 535 4937</b> | <b>Yes</b> |
| <b>Sci-Enza Discovery Centre</b>  |  |  |  |   |   |   |            |
| 8 August 2017                     | Tshwane  | Mae Jemison Reading Room (Mamelodi)  | Science tourism public talk  | Public & learners   | 15:00 – 16:00                               | Mathipa.Sebitsiwa@up.ac.za  | yes        |

|   |            |                                 |  |                |               |  |                |
|---|------------|---------------------------------|--|----------------|---------------|--|----------------|
| 12 August 2017                                    | Tshwane    | The Grove Mall                  | Mall Science exhibition  | public         | 09:00 – 17:00 | Mathipa.Sebitsiwa@up.ac.za   | No             |
| <b>THE COLOURED CUBE</b>                          |            |                                 |  |                |               |  |                |
| <b>AUGUST 5</b>                                   | EKURHULENI | SPRINGS MALL                    | <p><b><u>THE SCIENCE OF PAINT:</u></b></p> <p>Take a walk through the history of paint and learn how the processes have changed over the years. We will start with Rock Art move on to natural dyes and pigments then oils and water colours and finally on to synthetic paint.</p> <p>During the activity you will get an opportunity to test the methods of making paint with the end goal of making art. Engaging, fun, and messy – come join us!</p> | General Public | 10AM – 5PM    | <p>Anthea Moys</p> <p><a href="mailto:info@thecolouredcube.co.za">info@thecolouredcube.co.za</a></p> <p>011 021 1177</p> | NO             |
| <b>UNISA (I-SET Community Engagement Project)</b> |            |                                 |  |                |               |  |                |
| 12 August   | NW         | MyCareerCorner Mabopane         | I-SET Robotics Workshop (Amazing Tour)   | Public         | 10h00-15h00   | Patricia Gouws<br>gouwspm@unisa.ac.za  | By appointment |
| <b>UJ Science Centre – Soweto</b>                 |            |                                 |  |                |               |  |                |
| 07 -11  | Soweto     | UJ Soweto Campus<br>Imbizo Hall | <p>'Chemistry is Fun.'</p> <p>The show consists of various interesting chemical reactions that will be demonstrated and explained to the learners.</p> <p>The show is approximately 40 minutes long, so we are willing to do 2 to 3 consecutive shows between 13:00 and 15:00. We</p>  | 8-12           | 8am -15pm     | <p><a href="mailto:sweetnessm@uj.ac.za">sweetnessm@uj.ac.za</a></p> <p>011 559 5754</p> <p>071 907 3860</p>              | No             |

|                        |                 |                             |  |                                       |             |   |     |
|------------------------|-----------------|-----------------------------|--|---------------------------------------|-------------|---|-----|
|                        |                 |                             | would suggest that the group of learners attending the show should be between 30 to 40 learners, so that it is not too crowded and they can easily see the demonstration.  |                                       |             |   |     |
| <b>Wits University</b> |                 |                             |  |                                       |             |   |     |
| 7-11 Aug               | Gauteng Central | Wits Theatre                | Wits Science Slam. Postgraduate students present their research to learners and students in a 10 minute fun way. The audience votes for the best presentation. At the end of the week we have finals and a winner is selected  | School learners teachers and students | 11:00-12:30 | Ian McKay<br>0117176667<br>0845003902<br>ian.mckay@wits.ac.za | Yes |
| <b>Maths Our World</b> |                 |                             |  |                                       |             |   |     |
| 05 – 09 August 2017    | Ekurhuleni      | Golden walk mall. Germiston | <b>Family Maths- helping parents become more involved in their children’s maths education</b><br><br>The facilitator will demonstrate how maths is expressed in various daily activities like waking up in the morning, going to school, going to the grocery store, counting money, telling time, fractions etc. The facilitator will also show that learners and parents can make their own mathematical games from recycled material. | 1000                                  | 10am - 12pm | Lihle-<br>076 806 2507  | Yes |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### KwaZulu Natal

| Date Of Activity                                | District Where Activity Being Held | Venue Where Activity Is Taking Place | Activities  | Target Audience                                  | Timeslot                       | Contact Person<br>Email Address<br>Phone Number   | Booking Required<br>(Yes Or No) |
|---|------------------------------------|--------------------------------------|---|--|--------------------------------|---|---------------------------------|
| <b>ArcelorMittal Science Centre (Newcastle)</b> |                                    |                                      |   |  |                                |   |                                 |
| 05 August 2017                                  | UThukela District Municipality     | Murchison Mall (Ladysmith)           | Exhibition, Science Show and Maths challenges                 | General Public                                   | 09h00 – 16h00                  | Manqoba Ndhlela<br><a href="mailto:manqoba@amsciencecentre.co.za">manqoba@amsciencecentre.co.za</a><br>034 314 1247 | Yes                             |
| 7,8,10,11 August 2017                           | Majuba District Municipality       | ArcelorMittal Science Centre         | Puppet Show<br>Maths Workshop<br>Identification of Plant Cell | Learners<br>(Grade 3)<br>(Grade 6)<br>(Grade 10) | 09h00 - 11h00<br>11h00 – 13h00 | Manqoba Ndhlela<br><a href="mailto:manqoba@amsciencecentre.co.za">manqoba@amsciencecentre.co.za</a><br>034 314 1247 | No                              |
| 12 August 2017                                  | uMzinyathi District Municipality   | Dundee Taxi Rank                     | Exhibition, Science Show and Maths challenges                 | General Public                                   | 09h00 – 16h00                  | Manqoba Ndhlela<br><a href="mailto:manqoba@amsciencecentre.co.za">manqoba@amsciencecentre.co.za</a><br>034 314 1247 | Yes                             |

| <b>FEMSSISA</b>              |                        |  |  |                  |                   |                                       |     |
|------------------------------|------------------------|--|--|------------------|-------------------|---------------------------------------|-----|
| 5 August 2017                | eThekwini              | Sastri Convention Centre                         | <ol style="list-style-type: none"> <li>1. The Maze</li> <li>2. Maths 20</li> <li>3. Maths 36</li> <li>4. Math-a-Move</li> <li>5. Mathematics Puzzles</li> <li>6. Careers in Science – National Bench Mark Test</li> <li>7. Video Teaching and Learning</li> <li>8. Water extraction from the Air</li> </ol>  | Public           | 08:00-14:30       | Vishnu Naidoo<br>femsisa@telkomsa.net | Yes |
| <b>Mofa Science Outreach</b> |                        |  |  |                  |                   |                                       |     |
| 05 August 2017               | Ilembe District        | Taxi rank (Stanger)                              | <p>The importance of sugarcane bagasse</p> <ul style="list-style-type: none"> <li>○ Things you can produce using bagasse e.g. industrial applications, such as geotextile structures, automotive and agricultural mats will be shown as an examples</li> <li>○ Experiment Demonstrations <ul style="list-style-type: none"> <li>▪ Chemical reaction</li> <li>▪ Static Electricity</li> <li>▪ Potential Energy to Kinetic Energy</li> </ul> </li> </ul> | General Republic | 8 hours           | Sifiso Nkosi                          | NO  |
| 12 August 2017               | uMgungundlovu District | Ranks (Market pmb) and Shopping center (Hyfield) | <ul style="list-style-type: none"> <li>○ Experiment Demonstrations <ul style="list-style-type: none"> <li>▪ Chemical reaction</li> <li>▪ Static Electricity</li> <li>▪ Potential Energy to Kinetic Energy</li> </ul> </li> </ul>   | General Republic | 3 hours + 3 hours | Sifiso Nkosi                          | No  |

## Unizulu Science Centre

|  |                   |                              |   |                   |                 |  |    |
|--|-------------------|------------------------------|---|-------------------|-----------------|--|----|
| Sat 12 <sup>th</sup><br>August<br>2017 | King<br>Cetshwayo | Unizulu<br>Science<br>Centre | Various exciting activities at our science centre which include tourism in KZN, mathematics activities, light and colour, chemistry and astronomy shows, games, exhibitions and many more | General<br>Public | 9:00 –<br>14:00 | <a href="mailto:silindilemthembu1@gmail.com">silindilemthembu1@gmail.com</a> | NO |
|--|-------------------|------------------------------|---|-------------------|-----------------|--|----|

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### Limpopo

| Date Of Activity  | District Where Activity Being Held | Venue Where Activity Is Taking Place | Activities   | Target Audience   | Timeslot                       | Contact Person<br>Email Address<br>Phone Number  | Booking Required<br>(Yes Or No) |
|---|------------------------------------|--------------------------------------|--|---|--------------------------------|--|---------------------------------|
| <b>Prof Mamphweli Foundation</b>                        |                                    |                                      |  |   |                                |  |                                 |
| 12 August 2017  | Vhembe District                    |                                      | <p><b>Renewable energy technologies</b></p> <p><b>soccer tournament for four schools</b></p> <p>This activity will involve a presentation about tourism and renewable energy technologies by Prof Sampson Mamphweli, this presentation will be followed by a soccer tournament for four high schools. The presentation will take place in Vuwani community centre and the tournament will be in Vuwani sports grounds.</p> | Public<br>Learners<br>Educators<br>Decision-makers<br>Journalists<br>Scientists | 5 Hours                        | Prof Sampson Mamphweli<br>082 990 6081<br><a href="mailto:smamphweli@gmail.com">smamphweli@gmail.com</a><br>Website:<br><a href="http://www.profmamphweli.co.za">www.profmamphweli.co.za</a> | No                              |
| <b>BOKAMOSO SCIENCE AND TECHNOLOGY EDUCATION CENTRE</b> |                                    |                                      |  |   |                                |  |                                 |
| 8 August 2017   | CAPRICON                           | BOSTEC                               | Career Choice<br>ICT Integration In Teaching<br>Science Shows Tour On<br>Science Exhibits<br>From the old to the new   | Learners  | 09H00-10H00<br><br>13H00-14H00 | MORUDU MS  | N/A                             |

|                 |           |  |   |  |             |   |     |
|-----------------|-----------|--|---|--|-------------|---|-----|
|                 |           |  | technology exhibits   |  |             |   |     |
| <b>LIASSTEC</b> |           |  |   |  |             |   |     |
| 07/Aug/2017     | Waterberg | Makapane's Valley – Mokopane                             | <ul style="list-style-type: none"> <li>Tour at Makapane's Valley Heritage site</li> <li>Presentations at the valley on: <ul style="list-style-type: none"> <li>Importance/Role of science in our everyday lives</li> <li>Maths is Fun – Mathemagic</li> <li>Promoting STEM education and Career Guidance</li> </ul> </li> </ul> | Grade 10 – 12 Learners<br><br>General Public | 09H00-13H00 | Serupu Mongale<br><a href="mailto:serupu@gmail.com">serupu@gmail.com</a><br>076 832 1314<br><br>Moshitwana Letsoalo<br><a href="mailto:moshitwana@gmail.com">moshitwana@gmail.com</a><br>081 476 8319 | Yes |
| 08/Aug/2017     | Capricorn | Bakone Malapa – Polokwane<br><br>SAB and AIB Plant tours | Tour of the Bakone Malapa cultural heritage site<br><br>Tour of AIB bottling Plant  | General Public                               | 09H00-13H00 | Serupu Mongale<br><a href="mailto:serupu@gmail.com">serupu@gmail.com</a><br>076 832 1314<br><br>Moshitwana Letsoalo<br><a href="mailto:moshitwana@gmail.com">moshitwana@gmail.com</a><br>081 476 8319 | Yes |
| 09/Aug/2017     | Waterberg | Mahwelereng Shopping Complex                             | Science Show at the Shopping Complex<br><br>Performing fun experiments  | General Public                               | 09H00-13H00 | Serupu Mongale<br><a href="mailto:serupu@gmail.com">serupu@gmail.com</a><br>076 832 1314<br><br>Moshitwana Letsoalo<br><a href="mailto:moshitwana@gmail.com">moshitwana@gmail.com</a><br>081 476 8319 | No  |
| 11/Aug/2017     | Waterberg | SanParks Mokopane game breeding center                   | OUTDOOR STEM Career exhibition at Mokopane Game Breeding Centre<br><br>Presentations at the valley on: <ul style="list-style-type: none"> <li>Importance/Role of science in our everyday lives</li> <li>Maths is Fun – Mathemagic</li> </ul>  | Grade 10 – 12 Learners<br><br>General Public | 09H00-13H00 | Serupu Mongale<br><a href="mailto:serupu@gmail.com">serupu@gmail.com</a><br>076 832 1314<br><br>Moshitwana Letsoalo<br><a href="mailto:moshitwana@gmail.com">moshitwana@gmail.com</a><br>081 476 8319 | Yes |



|                             |                          |  |  |  |               |                                |    |
|-----------------------------|--------------------------|--|--|--|---------------|--------------------------------|----|
|                             |                          |  | - Promoting STEM education and Career Guidance   |  |               |                                |    |
| <b>Palaborwa Foundation</b> |                          |  |  |  |               |                                |    |
| 9 August 2017               | Mopani                   | Namakgale Shopping Centre and Lulekani Shopping Centre     | <b>Science in Shopping Centres:</b> Visitors in the Shopping centres will interact with National Science Week Facilitators and we will display various posters to educate general members of public about Science. The main focus will be on the 2017 theme, Science For Tourism | General Public                         | 10Am-3pm      | Phillip Mutshena<br>0839266397 | No |
| 10 and 11 August 2017       | Mopani                   | Nthabiseng Special School and Majeje Drop-in centre        | <b>Workshop on production of marula fruit jam:</b> Ba-Phalaborwa municipality is known as a home of Amarula tree. Marula fruit has multiple fantastic uses, including cosmetic and medicinal ones. Members of public will be educated on how to produce marura fruit jam         | General public                         | 9Am-3pm       | Phillip Mutshena<br>0839266397 | No |
| <b>SCIENCE-TUBE</b>         |                          |  |  |  |               |                                |    |
| 07/08/2017                  | Vhembe District, Limpopo | Thohoyandou Bonatical Garden<br><br>Thohoyandou Sec School | Science Show Edutainment "Wow Factor"<br><br>History of Tourism and Science benefiting Tourism (International Year of Sustainable Tourism for Development)   | Learners, Educators and General Public | 09:00 – 16:00 | Khamusi<br>0847617174          | NO |

|                               |                          |   |   |  |                 |   |     |
|-------------------------------|--------------------------|---|---|--|-----------------|---|-----|
| 10/08/2017                    | Vhembe District, Limpopo | Malamulele and Tshilala Secondary School Visit to Vuwani Science Centre | Daily Program and Sky Viewing   | Learners, Educators and General Public | 18:00 - 20:00pm | Khamusi<br>0847617174   | Yes |
| <b>VIP PRINT</b>              |                          |   |   |  |                 |   |     |
| 08-Aug-2017                   | Mopani                   | Tzaneen Mall  | VIP Print team will spend better half of the morning on public awareness on Maths, Science and Technology by performing basic Science to showcase science in everyday life by demonstrations such as basic electricity consumption calculation, water purification, basic 5S recycling, body parts, perception & anatomy & physiology of a human being. | Public members                         | 8am-12:30       | <a href="mailto:sherleym@vipprint.co.za">sherleym@vipprint.co.za</a><br>076 433 9706  | No  |
| 09-Aug-2017                   | Vhembe                   | Malamulele Taxi rank  | VIP Print team will celebrate women's day at Malamulele Taxi Rank encouraging women to use IKS systems to contribute to the local economy, to use basic Science and Technology skills in their everyday life such as basic electricity consumption calculation, water purification, basic 5S recycling and basic food preservation skills to safe.      | Public members                         | 8am-12:30       | <a href="mailto:sherleym@vipprint.co.za">sherleym@vipprint.co.za</a><br>076 433 9706  | No  |
| <b>Vuwani Resource Centre</b> |                          |   |   |  |                 |   |     |
| 07 – 11 Aug-2017              | Vhembe                   | Vuwani Science Resource Centre  | <ul style="list-style-type: none"> <li>Advancing Science Tourism by moving around the science centre and observing the different renewable activities</li> <li>Fun with weather parameter measurements and the use of Mathematical Modelling</li> </ul>   | Public, Learners and scientists        | 08h00-15h30     | <a href="mailto:eric.maluta@univen.ac.za">eric.maluta@univen.ac.za</a><br>0785172981/ | No  |

|                  |        |  |   |                                 |             |   |    |
|------------------|--------|--|---|---------------------------------|-------------|---|----|
|                  |        |  | <ul style="list-style-type: none"> <li>Viewing exhibits and guided tour</li> </ul>                    |                                 |             |   |    |
| 07 – 11 Aug-2017 | Vhembe | Venda Plaza/ University Of Venda Main Gate | <ul style="list-style-type: none"> <li>Viewing exhibits</li> <li>Renewable energy exhibits</li> </ul> | Public, Learners and scientists | 08h00-15h30 | <a href="mailto:eric.maluta@univen.ac.za">eric.maluta@univen.ac.za</a><br>0785172981/ | No |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### Mpumalanga

| Date Of Activity  | District Where Activity Being Held | Venue Where Activity Is Taking Place | Activities  | Target Audience                | Timeslot         | Contact Person<br>Email Address<br>Phone Number  | Booking Required<br>(Yes Or No) |
|---|------------------------------------|--------------------------------------|---|--------------------------------|------------------|--|---------------------------------|
| <b>Anglo-American Science Centre – Witbank / eMalahleni</b> |                                    |                                      |   |                                |                  |  |                                 |
| 07, 08, 10 & 11 August 2017.                                | Nkangala                           | Anglo-American science centre.       | Various mathematical board games for young and old are going to take place at the science centre. | Learners, students and public. | 5 hours per day. | Solly Simelane,<br><a href="mailto:solly.simza@gmail.com">solly.simza@gmail.com</a><br>073 029 3014/060 776 9241 | NO                              |

| Emmontitude                       |                   |  |   |                               |  |   |     |
|-----------------------------------|-------------------|--|---|-------------------------------|--|---|-----|
| 12-08-2017                        | Enhlanzeni        | Graskop Community Hall   | Role modelling, plant diversity, Creating a Gmail account, water purification and water saving tips.  | General Public                | 5hours                                     | Sibusiso Mlimo<br>0765800340<br><a href="mailto:Sibusiso.mlimo@gmail.com">Sibusiso.mlimo@gmail.com</a>                  | yes |
| TESS TECHNOLOGY                   |                   |  |   |                               |  |   |     |
| 12-07-2017                        | Ehlanzeni         | Kabokweni Complex  | Science shows, career guidance, maths quiz, role modelling in SET careers and fun experiments.  | Public & out of school people | 09:00 – 14:00                              | Mr. S Magagula<br><a href="mailto:Ezozweni.trd@gmail.com">Ezozweni.trd@gmail.com</a><br>083 477 6053                    | No  |
| Shalamuka Penreach Science Centre |                   |  |   |                               |  |   |     |
| 7-11 August                       | Enhlanzeni        | Shalamuka Penreach Science Centre                              | <b>Nature Trail:</b> Penryn College Campus on which Shalamuka Science Centre is situated has over 200 tree species, which also includes indigenous trees.   | Learners and Educators        | 1 hour per group of 40 X 3 groups X 5 days | G Mashabane Email: <a href="mailto:gift@penryn.co.za">gift@penryn.co.za</a><br>Phone:0721026007                         | Yes |
| Quickvest Holdings                |                   |  |   |                               |  |   |     |
| 11 August 2017                    | Nkangala District | Nantendhlela High School<br><br>(KwaggaFont ein, MountainView) | <ul style="list-style-type: none"> <li>Career Guidance</li> <li>Study Opportunities</li> <li>Experiments to showcase the importance of science on our everyday life and what participants can do at home to promote science</li> <li>Relevance of science in tourism</li> </ul> | leaners                       | 9 am to 3 pm                               | Ms D Mashinini or<br>Dr TC Leboho<br>072 444 7575<br><a href="mailto:Tlabo.leboho@gmail.com">Tlabo.leboho@gmail.com</a> | No  |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### Northern Cape

| Date Of Activity | District Where Activity Being Held        | Venue Where Activity Is Taking Place          | Activities   | Target Audience   | Timeslot    | Contact Person<br>Email Address<br>Phone Number  | Booking Required<br>(Yes Or No) |
|------------------|---|---|--|---|-------------|--|---------------------------------|
| <b>Indalomed</b> |   |   |  |   |             |  |                                 |
| 05 August 2017   | Francis Baard District                    | Horseshoe Inn Conference Centre- Kimberly CBD | Diamond Processing Technologies workshop and exhibition. Kimberly's Tourism sector Indaba.   | Learners<br>Students<br>Academics<br>Educators<br>General public<br><br>Media<br><br>Businesses | 08h00-16h00 | Sandile Mkhize<br><a href="mailto:mkizejustin@yahoo.com">mkizejustin@yahoo.com</a><br>071 604-1938 | No                              |
| 07 August 2017   | Pixley ka Seme District                   | Ethembeni Community Hall                      | Astronomy, Sky Viewing and South Africa's Advancements in Space Science. Science jokes. Mathematics Modelling. Maths quiz. A visit to the Ria Huysamen Aloe Garden | Learners<br>Students<br>Academics<br>Educators<br>General public<br><br>Media<br>Businesses     | 08h-16h00   | Sandile Mkhize<br><a href="mailto:mkizejustin@yahoo.com">mkizejustin@yahoo.com</a><br>071 604-1938 | No                              |
| 09 August 2017   | John Taolo Gaetsewe District Municipality | Kuruman Mall                                  | Mineral processing technology & career expo  | Learners<br><br>Members of the public   | 09h00-15h30 | Sandile Mkhize<br><a href="mailto:mkizejustin@yahoo.com">mkizejustin@yahoo.com</a><br>071 604-1938 | No                              |

|                 |   |  |   |   |             |  |    |
|-----------------|---|--|---|---|-------------|--|----|
| 10- August 2017 | John Taolo Gaetsewe District Municipality | Mothibistad Science Centre   | Mineral processing workshop, experiments and demonstrations. Career expo. Tourism Indaba and exhibition.                                      | Learners<br>Students<br>Academics<br>Educators<br>General public<br><br>Media<br>Businesses | 09h00-16h00 | Sandile Mkhize<br><a href="mailto:mkizejustin@yahoo.com">mkizejustin@yahoo.com</a><br>071 604-1938 | No |
| 11 August 2017  | Siyanda/ZF Magcawu District               | Postmasburg Laerskool<br><br>Postmasburg High School<br><br>Ratang Thuto High School | Career expo<br><br>Science Engagement discussions<br><br>Fun science experiments<br><br>Visit to the Witsand Nature Reserve<br><br>Sky gazing | Learners  | 08h00-16h00 | Sandile Mkhize<br><a href="mailto:mkizejustin@yahoo.com">mkizejustin@yahoo.com</a><br>071 604-1938 | No |

### MATHS & SCIENCE LEADERSHIP ACADEMY NPC

|           |               |                 |  |                           |                                      |   |     |
|-----------|---------------|-----------------|--|---------------------------|--------------------------------------|---|-----|
| 10 August | Francis Baard | Radio Teemaneng | <p><b><u>Girls Radio Talk Show</u></b><br/> <i>The MSLA GIRL learners will address the following topics:</i></p> <ul style="list-style-type: none"> <li>• Motivating the youth of the Northern Cape Province, especially GIRLS, to take maths &amp; science at school and to work hard in these subjects which are the key to the future</li> <li>• Inspiring the youth of the province, especially GIRLS, to have a dream in life and to take up SET careers in order to radically transform the economy of South Africa</li> <li>• Highlighting the IYT and the importance of SCIENCE</li> </ul> | Radio Teemaneng listeners | 17:00 – 17:30<br><br>To be confirmed | Anne Maclean<br><a href="mailto:anne@msla.org.za">anne@msla.org.za</a><br>053-8325047 | N/A |
|-----------|---------------|-----------------|--|---------------------------|--------------------------------------|---|-----|

|  |                      |                           |  |                           |               |  |     |
|--|----------------------|---------------------------|--|---------------------------|---------------|--|-----|
|  |                      |                           | TOURISM in the Northern Cape   |                           |               |  |     |
| 12 August  | <b>Francis Baard</b> | <b>Diamond Pavilion</b>   | <p><b><u>Science Tourism Exhibition</u></b></p> <p>The focus will be on the theme: SCIENCE TOURISM.</p> <p>Special inclusion will be made of the BLOODHOUND SSC Project, a global Engineering Adventure, using a 1000 mph World Land Speed Record attempt to inspire the next generation about science, technology, engineering and mathematics.</p> | Diamond Pavilion shoppers | 08:00 – 15:00 | <p>Anne Maclean</p> <p><a href="mailto:anne@msla.org.za">anne@msla.org.za</a></p> <p>053-8325047</p> | N/A |
| <b>South African Astronomical Observatory – N Cape</b> |                      |                           |  |                           |               |  |     |
| 07 August 2017   | Namaqua              | Lekkersing Primary School | Universal Awareness: Astronomy Story Telling   | Grades 1 - 3              | 09:00 – 10:30 | <p>Anthony Mietas</p> <p><a href="mailto:asm@saao.ac.za">asm@saao.ac.za</a> or 0743301236</p>        | yes |
|  |                      |                           | Building of Telescope workshop   | Grades 6-7                | 10:45 – 12:00 | <p>Anthony Mietas</p> <p><a href="mailto:asm@saao.ac.za">asm@saao.ac.za</a> or 0743301236</p>        | yes |
| 08 August 2017   | Namaqua              | Port Nolloth Okiep school | <ul style="list-style-type: none"> <li>• Universal Awareness: Astronomy Story Telling</li> <li>• Building of Telescope workshop</li> <li>• Solar System Workshop</li> <li>• Stargazing</li> </ul>  | Grades 1 - 12             | 09:00 – 10:30 | <p>Anthony Mietas</p> <p><a href="mailto:asm@saao.ac.za">asm@saao.ac.za</a> or 0743301236</p>        | yes |
| 09 August 2017   | Namaqua              | Eksteenfontein School     | Stargazing   | public                    | 18:00 – 20:00 | <p>Anthony Mietas</p> <p><a href="mailto:asm@saao.ac.za">asm@saao.ac.za</a> or 0743301236</p>        | yes |

|                |         |                          |   |                             |               |   |     |
|----------------|---------|--------------------------|---|-----------------------------|---------------|---|-----|
| 11 August 2017 | Namaqua | Concordia School         | <ul style="list-style-type: none"> <li>• Universal Awareness: Astronomy Story Telling</li> <li>• Building of Telescope</li> <li>• Solar System Workshop</li> <li>• Stargazing workshop</li> </ul> | Grades 1 – 12<br><br>Public | 09:00 – 10:30 | Anthony Mietas<br><a href="mailto:asm@saao.ac.za">asm@saao.ac.za</a> or<br>0743301236 | yes |
| 12 August 2017 | Namaqua | Williston Drop in Centre | <ul style="list-style-type: none"> <li>• Public Presentation</li> <li>• Stargazing</li> </ul>   | public                      | 17:00         | Anthony Mietas<br><a href="mailto:asm@saao.ac.za">asm@saao.ac.za</a> or<br>0743301236 | yes |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### North West

| Date Of Activity       | District Where Activity Being Held | Venue Where Activity Is Taking Place | Activities   | Target Audience                              | Timeslot    | Contact Person<br>Email Address<br>Phone Number   | Booking Required<br>(Yes Or No) |
|------------------------|------------------------------------|--------------------------------------|--|--|-------------|---|---------------------------------|
| <b>SLEG CONSULTING</b> |                                    |                                      |  |  |             |   |                                 |
| 7-11 August            | Bojanala                           | Phokeng/Morule                       | <p><b>Touring Science of Indigenous Knowledge System, a public lecture.</b></p> <p>The Lecture involves a pictorial, video and data presented at the Halls. It evokes medicinal knowledge, use and</p> | <b>Learners, public and students in FETs</b> | 10h00-10h45 | Bushy Moabelo<br><a href="mailto:slegconsulting@gmail.com">slegconsulting@gmail.com</a><br>072 8711 897 | NO                              |



|                    |          |  |  |  |                 |   |    |
|--------------------|----------|--|--|--|-----------------|---|----|
|                    |          |  | preservation; shows pictures and video compiled by SLEG of interviews with herbalists talking to the profession and its practice. The lecture gives names of herbs in their indigenous languages.  |  |                 |   |    |
| 5,6 & 12 August    | Bojanala | Moruleng/Phokeng   | Arts/Culture touring Science through Innovative fusing of science content into Pule-Nyana, performance, Mmapadi, Dinaka, HipHop and AfroSoul.  | <b>Learners, public and students in FETs</b> | 10h00am-4h00pm  | Bushy Moabelo<br><a href="mailto:slegconsulting@gmail.com">slegconsulting@gmail.com</a><br>072 8711 897 | NO |
| 7-11 August        | Bojanala | Phokeng/Moruleng   | Playing Mathematics, Biodiversity, Astronomy Quizzes and Optical Illusion<br><br>- Math Quiz<br>- Biodiversity Quiz<br>- Astro Quiz<br>- Optical Illusion Quizzes  | Learners, public and students in FETs        | 11h00am-12h30pm | Bushy Moabelo<br><a href="mailto:slegconsulting@gmail.com">slegconsulting@gmail.com</a><br>072 8711 897 | NO |
| <b>7-11 August</b> | Bojanala | Rustenburg CBD-Taxi ranks, Hospital, Mining Areas, Schools | Interactive Hands-on WOW Activities<br><br>- Technology from simple materials<br>- Science into Toys<br>- Physics & Chemistry Magic Shows (Vacuum demonstrations with 5 different size syringes and Jars with balloons, Eating away Styrofoam cups with acetone, | Learners, public and students in FETs        | 11h00am-12h30pm | Bushy Moabelo<br><a href="mailto:slegconsulting@gmail.com">slegconsulting@gmail.com</a><br>072 8711 897 | NO |
| 7-11 August        | Bojanala | Phokeng/Moruleng   | <b>PUBLIC LECTURES</b><br><br><b>ON CAREERS IN STEMI:</b><br>Community hall bound  | Learners, public and                         | 12h30-13h30     | Bushy Moabelo<br><a href="mailto:slegconsulting@gmail.com">slegconsulting@gmail.com</a>                 | No |

|  |                     |              |  |                          |             |  |     |
|--|---------------------|--------------|--|--------------------------|-------------|--|-----|
|  |                     |              | <p>PowerPoint/Multimedia lecture series</p> <p><b>SA INVENTION</b> highlighting topical subjects in Waterless Bath-and SA discovery, Astronomy-SKA, Bloodhound, Gravitational Field Sounds and the New Planet discovery.</p> <p>Touring the STEMI career through video based presentation of actual STEMI practitioners at work shown to FET students, learners and educators.</p> | students in FETs         | 14h30-15h30 | 072 8711 897   |     |
| <b>NWU - Mafikeng</b>  |                     |              |  |                          |             |  |     |
| 7 <sup>th</sup> - 11 <sup>th</sup> August 2017 (except 9 <sup>th</sup> August) | Ngaka Modiri Molema | Lecture hall | Public lectures – everyday academics will present different topics based on IKS, astronomy, etc.   | General public, students | 17h00-18h00 | Lerato<br><a href="mailto:Lerato.molebatsi@nwu.ac.za">Lerato.molebatsi@nwu.ac.za</a><br>018-3892606/19 | Yes |
| 10 <sup>th</sup> -11 <sup>th</sup> August 2017 (except 9 <sup>th</sup> August) | Ngaka Modiri Molema | Lecture hall | Seminars – everyday science postgraduate students will present different topics based on GIS, biotechnology, nanotechnology, agriculture, chemistry etc.   | General public, students | 10h00-14h00 | Lerato<br><a href="mailto:Lerato.molebatsi@nwu.ac.za">Lerato.molebatsi@nwu.ac.za</a><br>018-3892606/19 | Yes |
| <b>P-STEM Foundation</b>   |                     |              |  |                          |             |  |     |
| 7 <sup>th</sup> - 11 <sup>th</sup> August 2017 (except 9 <sup>th</sup> August) | Ngaka Modiri Molema | Lecture hall | Public lectures – everyday academics will present different topics based on IKS, astronomy, etc.   | General public, students | 17h00-18h00 | Lerato<br><a href="mailto:Lerato.molebatsi@nwu.ac.za">Lerato.molebatsi@nwu.ac.za</a><br>018-3892606/19 | Yes |

|  |                        |              |  |                                |                  |  |     |
|--|------------------------|--------------|--|--------------------------------|------------------|--|-----|
| 10 <sup>th</sup> -11 <sup>th</sup><br>August<br>2017<br>(except 9 <sup>th</sup><br>August) | Ngaka Modiri<br>Molema | Lecture hall | Seminars – everyday science<br>postgraduate students will present<br>different topics based on GIS,<br>biotechnology, nanotechnology,<br>agriculture, chemistry etc. | General<br>public,<br>students | 10h00-<br>14h00  | Lerato<br><br><a href="mailto:Lerato.molebatsi@nwu.ac.za">Lerato.molebatsi@nwu.ac.za</a><br><br>018-3892606/19 | Yes |
| <b>NWU Science Centre - Potchefstroom</b>  |                        |              |  |                                |                  |  |     |
| 8 August   | Potchefstroom          | NWU          | Lunch-hour colloquium at the NWU<br>Science Centre (Potchefstroom)   | Students                       | 13:00 –<br>14:00 | Dr. P Kilian<br><br><a href="mailto:llani.Loubser@nwu.ac.za">llani.Loubser@nwu.ac.za</a><br><br>018 299 4398   | Yes |

## HIGHLIGHTS FOR NATIONAL SCIENCE WEEK ACTIVITIES 2017

### Western Cape

| Date Of<br>Activity                                | District<br>Where<br>Activity<br>Being Held          | Venue<br>Where<br>Activity Is<br>Taking Place                       | Activities  | Target<br>Audience | Timeslot        | Contact Person<br><br>Email Address<br><br>Phone Number  | Booking<br>Required<br><br>(Yes Or<br>No) |
|--|--|---|-------------|--------------------|-----------------|--|---|
| <b>African Institute for Mathematical Sciences</b> |  |   |             |                    |                 |  |   |
| 8 August   | City of Cape<br>Town<br>Metropolitan<br>Municipality | African<br>Institute for<br>Mathematical<br>Sciences,<br>Muizenberg | Public Talk | Public             | 19:00-<br>20:00 | Dr Mpfareleni Rejoyce Gavhi-<br>Molefe<br><a href="mailto:nsw@aims.ac.za">nsw@aims.ac.za</a><br>021 787 9349 | No  |

|  |   |   |   |                     |             |  |    |
|--|---|---|---|---------------------|-------------|--|----|
| 9 August                                   | City of Cape Town Metropolitan Municipality | Oliver Tambo Community Hall, Khayelitsha, Cape Town | Women in science, technology, engineering, and math (STEM) fields   | Learners and public | TBC         | Dr Mpfareleni Rejoyce Gavhi-Molefe<br><a href="mailto:nsw@aims.ac.za">nsw@aims.ac.za</a><br>021 787 9349   | No |
| <b>ArcelorMittal Transformation Centre</b> |   |   |   |                     |             |  |    |
| 05/08/2017<br>12/08/2017                   | #52 West Coast District Municipality        | Weskus Mall & Langebaan Community Centre.           | An 8-hour programme with various activities that will expose the value of Science in conjunction with tourism. It ranges from fun activities such as marshmallow tower building, Math fun quizzes in calculating population and traveling distances. An Eskom Expo that motivates public interests in STEMI. Water quality workshops that emphasize on the value of water and the economy's sustainable future of Tourism. Including other fun science experiments, volcano building. | General Public      | 08:00-17:00 | Jacqueline Willems- Project Coordinator<br><a href="mailto:jacquewillems@hotmail.com">jacquewillems@hotmail.com</a><br>022-7191058<br>Lekgabe Dihlabi- Educational Officer<br><a href="mailto:lekgabe@amsasciencecentre.co.za">lekgabe@amsasciencecentre.co.za</a><br>Olivia -Bookings manager<br>Info@weskus-mall.co.za | No |
| <b>Garden Route Botanical Garden Trust</b> |   |   |   |                     |             |  |    |
| 5- August 2017                             | Eden District                               | Tourism office George/ Tourism office Wilderness    | Large Screen TV showing Biodiversity Organisms that can be found in the Southern Cape   | Adults/children     | All day     | Joan Shaw/Priscilla Burgoyne   | No |
| 5-12 August 2017                           | Eden District                               | George Library entrance                             | Two posters showing the alien species threatening the natural Fynbos in the Southern Cape VERSUS natural biodiversity   | Adults/children     | All day     | Janine Carolus   | No |

|                                 |                          |  |   |   |               |  |    |
|---------------------------------|--------------------------|--|---|---|---------------|--|----|
|                                 |                          |  | species that occur when aliens are cleared  |   |               |  |    |
| 5-12 August 2017                | Eden District            | Conville Clinic, Thembaletu Clinic/George Hospital | Large Screen TV showing Biodiversity Organisms that can be found in the Southern Cape<br><br>Two posters showing the alien species threatening the natural Fynbos in the Southern Cape VERSUS natural biodiversity species that occur when aliens are cleared | Adults/children                         | All day       | Dr Hannelie Louw<br><br>Dr Zille North                   | No |
| <b>iThemba LABS – Cape Town</b> |                          |  |   |   |               |  |    |
| 7-8, 10-11 August 2017          | Cape Town City Metropole | Malls around CPT                                   | Trainee Researchers will be around in different malls around the areas of Khayelitsha, Eerste River, Kuils River and Somerset West.   | General Public                          | N/A           | Hilton Tobias<br><br>021 843 1000<br><br>CIT@tlabs.ac.za | No |
| 7-8, 10-11 August 2017          | Cape Town City Metropole | iThemba LABS CPT                                   | iThemba LABS will be hosting learners from school in the immediate area showcasing aspects of the research being done at the facility, running of workshops in mathematics and science tourism talk.  | Learners                                | 9:00 – 14:00  | Hilton Tobias<br><br>021 843 1000<br><br>CIT@tlabs.ac.za | No |
| 7-8, 10-11 August 2017          | Cape Town City Metropole | Schools  | iThemba LABS will be Visiting learners at schools in the immediate area showcasing aspects of the research being done at the facility, running of workshops in mathematics and science tourism talk.  | Learners                                | 9:00 – 14:00  | Hilton Tobias<br><br>021 843 1000<br><br>CIT@tlabs.ac.za | No |
| 8, 10 August 2017               | Cape Town City Metropole | iThemba LABS CPT                                   | Students from HEI's Will be invited for a guided tour of the research facility speaking to Scientist about the different  | Students from neighbouring universities | 14:00 – 16:30 | Hilton Tobias<br><br>021 843 1000                        | No |

|  |               |                                  |   |                          |               |   |     |
|--|---------------|----------------------------------|---|--------------------------|---------------|---|-----|
|  |               |                                  | research taking place at IThemba LABS.  |                          |               | CIT@tlabs.ac.za   |     |
| <b>South African Astronomical Observatory (SAAO) – Cape Town</b> |               |                                  |   |                          |               |   |     |
| 09 August 17   | Observatory   | SAAO                             | <p>Women's day event</p> <p><b>Six</b> women scientist in various science field give talks about the impact of science to improve quality of life to girl learners. How each science field contributes to science tourism and to encourage girl learners visit places that involve science</p>                | Gr 11 & 12 Girl Learners | 09:00 – 13:00 | <p>Buzani Khumalo</p> <p><a href="mailto:buzani@sao.ac.za">buzani@sao.ac.za</a></p> <p>0214470025</p>         | Yes |
| <b>SANSA - Hermanus</b>  |               |                                  |   |                          |               |   |     |
| 10 August 2017 – 11 August 2017                                  | Central Karoo | Various schools in Central Karoo | SANSA Space Lab tour to Central Karoo. The SANSA Space Lab will travel to schools and make learners aware of SANSA and its role in space science at a national and international level. Learners will be engaging with a mathematics activity on space weather. SANSA career information will also be shared. | Grade 10-12              | 9:00 – 12:00  | <p>Thandile Vuntu</p> <p><a href="mailto:tvuntu@sansa.org.za">tvuntu@sansa.org.za</a></p> <p>028 312 1196</p> | Yes |
| 12 August 2017   | Overberg      | SANSA Hermanus                   | An Open Day at SANSA Space Science Hermanus where the space agency's role in national and international research and technology activities will be highlighted. The role of the SANSA Space weather centre on monitoring the space into which   | Public                   | 10:00 – 14:00 | <p>Elisa Fraser</p> <p><a href="mailto:efraser@sansa.org.za">efraser@sansa.org.za</a></p> <p>028 312 1196</p> | Yes |

|                                 |   |   |  |                |   |   |   |
|---------------------------------|---|---|--|----------------|---|---|---|
|                                 |   |   | satellites are launched as part of ensuring a sustainable planet will be the main focus. SANSa as an entity of the DST and its operation at a national level and engagement with international space related entities and agencies will be showcased to the public.  |                |   |   |   |
| <b>Cape Town Science Centre</b> |   |   |  |                |   |   |   |
| 6,9 & 12 August                 | City of Cape Town Metropolitan Municipality | Cape Town Science Centre, Observatory – Cape Town | <p>Family Fun Days</p> <p>The Family Fun Days are an opportunity for the general public to have access to hands-on science in the form of workshops, exhibits, shows, demonstrations and more. There is no cost for the general public to enter the Cape Town Science Centre or for any of the workshop on these days. A wide variety of activities will be carried out on these days.</p> | General Public | <p>6 &amp; 9 August:<br/>10:00 – 16:00</p> <p>12 August:<br/>9:00 – 16:00</p> | <p>Chanelle / Nadine B</p> <p>021- 300 3200</p> | NO  |
| 6 & 9 August                    | City of Cape Town Metropolitan Municipality | Cape Town Science Centre, Observatory – Cape Town | <p>Africa Code Week Coding workshop</p> <p>Get SCRATCHing and learn how to code (computer programming). Suitable for children 8 – 14.</p>  | General Public | 11:00 & 14:30   | <p>Chanelle / Nadine B</p> <p>021- 300 3200</p> | No prior bookings. Bookings can be made onsite on the day of the event. |
| 6,9 & 12 August                 | City of Cape Town Metropolitan Municipality | Cape Town Science Centre,                         | <p>Camera Obscura Tour</p> <p>Have you ever taken a tour of the city while standing in one spot? Join us on one of our Camera</p>  | General Public | 10:30, 12:00 & 14:00  | Chanelle / Nadine B                             | NO  |

|          |  |   |   |                |                  |  |    |
|----------|--|---|---|----------------|------------------|--|----|
|          |  | Observatory<br>– Cape Town                              | Obscura tours for a 360° view of the surrounding area.  |                |                  | 021- 300 3200                            |    |
| 9 August | City of Cape Town<br>Metropolitan Municipality | Cape Town Science Centre,<br>Observatory<br>– Cape Town | The giant terrestrial fossil birds: are they all so terrifying?<br><br>The oldest group of giant terrestrial birds is known to have lived during the Cretaceous time, in the same time as the famous dinosaurs, and the most recent groups became extinct only few centuries ago, because of the human activities. It is generally believe that these birds were all some terrible carnivorous birds, hunting the poor small mammals. But this is not always true and several new studies challenge these old theories. | General Public | 12:00 –<br>12:45 | Chanelle / Nadine B<br><br>021- 300 3200 | NO |