**NATIONAL SCIENCE WEEK 2017**



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| **ORGANISATION NAME:** | | | | **>Mofa Science Outreach** | | | | | |
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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)** |
| 05 August 2017 | Ilembe District | Taxi rank (Stanger) | * The importance of sugarcane bagasse   + Things you can produce using bagasse e.g. industrial applications, such as geotextile structures, automotive and agricultural mats will be shown as an examples   + Some researched work flayers will be given out such as Aloe plant…etc.   + Experiment Demonstrations     - Fill up a Balloon with a Chemical reaction     - Static Electricity     - Jumping sticks – Potential Energy to Kinetic Energy     - Diet Coke and Mentos Explosion | | | General Republic | 8 hours | Sifiso Nkosi | NO |
| 06 August 2017 | Mkhanyakude District | Shopping center (Mtuba mall & Hluhluwe ) | * + - Snow Bubbles     - Filtering unclean water     - Jet engine in a Jar     - Travelling Flame     - Soapy water + gas | | | General Public | 4 hours + 4 Hours | Sifiso Nkosi | NO |
| 07 August 2017 | Zululand District | Tshendlovu primary school & Bhekifa high school | * Mintek - Presentation   + Experiments demonstrations (spend at least 2 -3 hrs per school)   From grade 1 to 12   * + - Measuring Your Lung Capacity.     - Homemade Explosion.     - Pierce a potato with a Straw     - Can you make an Orange Sink?     - Home made lava lamp | | | Students, Learners and Educators | 4 hours + 4 Hours | Sifiso Nkosi | NO |
| **08 August 2017** | uMzinyathi District | Taxi Rank (Dundee), Ithalana High School and Nyanyadu Primary) | * Presentation: Synthesis of fluorinated benzophenones and phenylcoumarins.   + Mintek – Presentation   + Experiments demonstrations     - DIY Popcorn Machine     - Jet engine in a Jar     - Travelling Flame     - Flammable Sanitizer | | | General Republic, Students, Learners and Educators | 4 hours + 2 Hours + 2 hours | Sifiso Nkosi | NO |
| 09 August 2017 | uThukela District | Endumeni Primary, Sesikhona Primary School, Taxi Rank (Ladysmith ) | * Presentation on water management   + Experiments demonstrations     - Brake fluid and pool chlorine reaction     - Coca cola and pool Chlorine reaction     - Fire snake     - Elephant tooth paste     - Sugar and Sulfuric acid reaction | | | General Republic, Students, Learners and Educators | 4 hours + 2 Hours + 2 hours | Sifiso Nkosi | NO |
| 10 August 2017 | Harry Gwala District | Clydesdale SS School and Highlands Primary and Mzimkhulu shopping center | * + Experiments demonstrations     - Static Electricity     - Jumping sticks – Potential Energy to Kinetic Energy     - Fire snake     - Elephant tooth paste | | | General Republic, Students, Learners and Educators | 2 hours + 2 Hours + 4 hours | Sifiso Nkosi | NO |
| 11 August 2017 | uMgungundlovu District | Phayiphini High school, Gobindlovu High school, Ashdown Primary school. | * Presentations of currently research that affect the community.   + KZN is surrounded mostly by agricultural sector. So this presentation will be showing summary view of science around agriculture and most use plants around them e.g aloe plant     - Snow Bubbles     - Filtering unclean water     - Jet engine in a Jar     - Drain cleaner and aluminium for | | | Students, Learners and Educators | 2 hours + 2 Hours + 2 hours + 2 hours | Sifiso Nkosi | NO |
| 12 August 2017 | uMgungundlovu District | Ranks (Market pmb) and Shopping center (Hyfield) | * + Experiment Demonstrations     - Fill up a Balloon with a Chemical reaction     - Static Electricity     - Jumping sticks – Potential Energy to Kinetic Energy     - Diet Coke and Mentos Explosion | | | General Republic | 3 hours + 3 hours | Sifiso Nkosi | No |