**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 |