**NATIONAL SCIENCE WEEK 2017**



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| **ORGANISATION NAME:**  | **Palabora Foundation** |
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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)** |
| 7,8,10 and 11 August 2017 | Mopani | Rixile and Leboneng Education Centres | **Ohm’s Law, Resistors in circuits and Determination of Concentration of Sodium Hydroxide by Titration:** Learners will explore basic concepts of Electricity and also conduct a Titration experiment. Writing of LAB report will form part of this activity  | Grade 11 Learners | 10Am-11pm | Phillip Mutshena0839266397 | No |
| 7,8,10 and 11 August 2017 | Mopani | Leboneng Education Centre | **Probability Theory for Grade 11 Learners:** Statistics is one of the challenging topics in mathematics for learners in grade 11. Learners will attend lessons in Probability Theory | Grade 11 Learners | 9Am-1pm | Phillip Mutshena0839266397 | No |
| 7 and 8 August 2017 | Mopani | Rixile and Leboneng Education Centres | **Career Guidance:** Learners from deep rural town of Ba-Phalaborwa will receive information about different careers in Science ,Technology ,Engineering, Mathematics and Innovation. | Grade 10-12 | 14h00-17h00 | Phillip Mutshena0839266397 | No |
| 9 August 2017 | Mopani | Namakgale Shopping Centre and Lulekani Shopping Centre | **Science in Shopping Centres:** 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 Mutshena0839266397 | No |
| 10 and 11 August 2017 | Mopani | Nthabiseng Special School and Majeje Drop-in centre | **Workshop on production of marula fruit jam:** 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 Mutshena0839266397 | No |
| 10 and 11 August 2017 | Mopani | Rixile Education centre | **Science Expo Workshop and viewing of exhibits:** A workshop on how to setup a science Expo project will be conducted for learners. Members of Public will also view our exhibits in order to understand different concepts in Science. | Primary Learners and General public | 14h00-17h00 | Phillip Mutshena0839266397 | No |
| 12 August 2017 | Mopani | Kruger national park( Skukuza) | **Science for Tourism:** Conformal Cubic Atmospheric Model(CCAM) is a variable-resolution global atmospheric model developed for regional dynamical downscaling as well as climate and weather research by CSIRO Marine and Atmospheric Research. Learners will be educated on how to use CNR-4 Net radiometer to take SWIR and LWIR radiation. | Learners | 10Am-20m | Phillip Mutshena0839266397 | No |