



science  
& technology

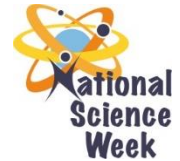
Department:  
Science and Technology  
REPUBLIC OF SOUTH AFRICA



SAASTA  
South African Agency for Science  
and Technology Advancement

# NATIONAL SCIENCE WEEK

29 July to 3 August 2019



|                        |                        |                        |                     |                    |            |
|------------------------|------------------------|------------------------|---------------------|--------------------|------------|
| <b>Organisation:</b>   | Thakamakau Enterprises | <b>Project Leader:</b> | Kgethang Thakamakau | <b>Province/s:</b> | Free State |
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## National Science Week events and activities:

| DATE & TIME                              | VENUE     | LOCATION     | ACTIVITY   | AUDIENCE                                    | CONTACT DETAILS | BOOKINGS REQUIRED? |
|--|-----------|--------------|--|---|-----------------|--------------------|
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Water observations and forecasting'</i></b><br>Audience knowledge is enhanced on how improvements in weather technology has saved lives by providing advance warning of natural hazards and how it improves the quality of peoples life around the world. Career opportunities also to be presented   | Learners<br>Students<br>Educators<br>Public | 0813047159      | Yes                |
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Justice through Science'</i></b><br>Audience would learn not bangle with evidence and the importance of such so as to enable SAPS to use DNA technology to gather adequate evidence for successful convictions, and the audience would also be exposed to different career paths in SAPS  | Learners<br>Students<br>Educators<br>Public | 0813047159      | Yes                |
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Understanding climate change through the use of Math'</i></b><br>Learners would strengthen their math and analytical skills as they would gain an understanding of how their work in maths class can be applied to real life data & situations. Learners would also be presented on hazards posed by global climate change and some of the things being done by scientists to reduce it | Learners<br>Students<br>Educators<br>Public | 0813047159      | Yes                |

|  |           |              |   |   |            |     |
|--|-----------|--------------|---|---|------------|-----|
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Traditional Ecological Knowledge'</i></b><br>Traditional healer would show the audience different plants (such as herbs, aloe ferox, moringa, marula oil, impebu, etc) that treats a wide range of ailments including coughs, fever, haemorrhoids, stomach issues, arthritis, menstrual problems, to ward off lightning and chase away mosquitoes as well as snakes among other things   | Learners<br>Students<br>Educators<br>Public | 0813047159 | Yes |
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Engenius: Engineering makes it happen'</i></b><br>The audience would understand why food security is such a major global challenge and what are the causes (such as population growth, changing tastes, climate change, water scarcity, etc), and what solutions are used by engineering professionals to address the problem of poverty, hunger and malnourishment  | Learners<br>Students<br>Educators<br>Public | 0813047159 | Yes |
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Water Education Programme'</i></b><br>The audience would be presented on how the effects of vandalism have not only resulted in major financial dents for the department and stakeholders in the water and sanitation sector, they too often pose a serious threat to sustain general water supply countrywide. Career opportunities in water and sanitation sector such as bursaries and internships, etc   | Learners<br>Students<br>Educators<br>Public | 0813047159 | Yes |
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Studies in Mining and Minerals'</i></b><br>The audience is advised on careers in the sector of Mining. Audience would also be presented about business deliverables by the provision of funding such as Bursaries, Learnerships, and Internships etc, for skills development in the sector through addressing alleviation and solving the three triple challenges of unemployment, inequality and poverty  | Learners<br>Students<br>Educators<br>Public | 0813047159 | Yes |
| 29, 30, 31<br>July 2019<br>08:00 – 14:00 | Town Hall | Odendaalsrus | <b><i>'Science, Engineering and Technology Studies'</i></b><br>Exhibition on a wide range of learning and training programmes offered by Higher Education Institutions namely; CUT, UJ, UFS, Rosebank College, where the audience can explore and learn more about science studies to enrol for in future and also encourage audience to choose STEMI careers as this would improve the lives of the people and supports the sustainable development agenda | Learners<br>Students<br>Educators<br>Public | 0813047159 | Yes |