**NATIONAL SCIENCE WEEK 2017**



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| **ORGANISATION NAME:**  | **>ArcelorMittal Science Centre** |
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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)** |
| 07-11/08/2017 | Sedibeng | A 1 | **ESKOM****Attendees will gain information on alternative energy sources in South Africa****Attendees will be educated on how to save electricity** **Acquire information on bursary requirements****Learn about various career fields** | All | 8:30 – 15:30 | **Brigitte Morais – Project coordinator****moraisb@eskom.com** **011 800 4185** | No |
| 07-11/08/2017 | Sedibeng | A 2 | **SAWS****Facilitators will give presentations on climatology and the latest technologies used in weather forecasting** | All | 8:30 – 15:30 | **Thami Tabata,****thamo.taba@weathersa.co.za****,** **(012) 367 6028** | No |
| 07-11/08/2017 | Sedibeng | A 3 | **Environmental Affair (Emfuleni)****Attendees will learn more on the importance of air quality and how monitored** | All | 8:30 – 15:30 | **Aseef Ahmed** **Tel: (016) 930 5448****Email: AseefA@emfuleni.gov.za** | No |
| 07-11/08/2017 | Sedibeng | A 4 | **Clinix Hospital****Give insight of what happens inside the hospital.** **An overview the hospital has in order to improve the quality of life of people.** | All | 8:30 – 15:30 | **Mphumzi Mdondolo****079 270 9522****(016) 420 3027****mphumzimdondolo@gmail.com** | No |
| 07-11/08/2017 | Sedibeng |  A 5 | **CSIR****Attendees will be encouraged to be creativity by becoming innovative whilst gaining knowledge about current developments in technology** | All | 8:30 – 15:30 | **Masilo Kgatle****012 841 3650****0718805369/ 0711005493****mkgatle@csir.co.za** | No |
| 07-11/08/2017 | Sedibeng | B 2 | **Coding - AMSC****Code Conquest is a free coding guide for beginners. Learn all about coding, compare and select training, take free tutorials and learn a ton more** | Learners | 8:30 – 15:30 | **Bhekani Mathebula and Treasure Mashigo****Lirabhex@yahoo.com/** **treasure@amsasciencecentre.co.za** | Yes |
| 07-11/08/2017 | Sedibeng | B 3 | **CompTIA****Advancing the global interests of IT professionals and IT channel organizations** **Enable people to be more successful with industry-leading IT certifications and IT business credentials, IT education, resources** | All | 8:30 – 15:30 | **Grace Sikhosana****Manager – Capp Academy****0840992524****gsikhosana@compatia.org** | No |
| 07-11/08/2017 | Sedibeng | B 4 | **VUT****Facilitators from ICBT will give presentations about bio-fuels and aromatic massage oils as well as conduct science shows and showcasing exhibits.****Facilitators from TTI will give presentations about their current innovative projects** | All | 8:30 – 15:30 | **ICBT, Physics Department - 016 950 9761****TTI,** **joe@vut.ac.za****, 016 930 5015/5008 – 083 626 7351** | No |
| 07-11/08/2017 | Sedibeng | C 1 | **Geekulcha****A look into the vibrant environment of technology.****Innovation and Creativity to develop skills and boost socio economic status**. | All | 8:30 – 15:30 | **Tiyani Nghoyama -Lead developer : Electronics****0790689022****tiyani@geekulcha.com** | No |
| 07-11/08/2017 | Sedibeng | C 2 | **Mathematics Makes a Difference****Maths is MAD****Presenter will demystify the idea of mathematics being difficult****Audience will engage in different mathematical stories, exhibitions and practical components****Audience will understand the use of mathematics in everyday life and in nature****Audience will then answer the question; “WHY SHOULD EVERYONE APPRECIATE MATHEMATICS.”** | All | 8:30 – 15:30 | **Khuliso Makungo** **0169880507****khumbelom@webmail.co.za** | No |
| 07-11/08/2017 | Sedibeng | C 3a | **ArcelorMittal South Africa****Attendees will be informed about the career fields in steel manufacturing** **Attendees will be educated about the process of steel manufacturing** **Attendees will be informed on the CSI projects run by Arcelor Mittal****Research projects conducted at Arcelor Mittal** | Grade 9 – 12 and Community Members | 8:30 – 15:30 | **Charlotte Mthinkhulu****charlotte.mthimkulu@arcelormittal .com** **0168892320** | No |
| 07-11/08/2017 | Sedibeng | D 1 | **Rand Water****The importance of using water sparingly.****Health and water****Water sustainability** | All | 8:30 – 15:30 | * **Sizwe Mndawe smndawe@randwater.co.za**
* **011 682 019**

**mphoman@randwater.co.za**Faith Chauke**fchauke@randwater.co.za** | No |
| 07-11/08/2017 | Sedibeng | D 2 | **AMSC – Life Begins as a Cell****Audience will have a broader understanding of life science** **Audience will be engaged in a DNA extraction workshop****Teachers will be exposed to the South African DNA Project** | All | 8:30 – 15:30 | **Ernest Mosiane****0169880507****ernest@amsasciencecentre.co.za** | No |
| 07-11/08/2017 | Sedibeng | D 3 | **SciFUN – For The Love of Science****Generate the Appreciation of science as a subject for the Sedibeng public****Develop the interest in younger learners****Play games that are science based** | All | 8:30 – 15:30 | **Mzwandile Maphanga and Lawrence Mutwautshila****0169880507****mzwandile@amsasciencecentre.co.za****lawrence@amsasciencecentre.co.za** |  |
| 07-11/08/2017 | Sedibeng | D 4 | **Afrobot – AMSC Version****Learners will develop and moving robot** **Learners will be able to draw a simple circuit board****Afrobot will help stimulate the need at the grassroots level, entrepreneurial risk-taking in learners engineering, science and manufacturing skills.** | Learners | 8:30 – 15:30 | **David Mavuso****0725059880****0169880507****bafana@amsasciencecentre.co.za** | No |
| 09/08/2017 | Sedibeng | Exhibition Area | **Women in Science Programme** | Female Learners and Community | 09:00 – 13:00 | **Oritonda Tshamaano****0169880507****otshamaano@yahoo.com** | Yes |
| 10/08/2017 |  | SANSA | **VISIT TO SANSA and HARTRAO** | Community | 8:30 – 16:00 | **Dan Matsapola** **012 844 0380** | No (invite only) |
| 11/08/2017 | Sedibeng | ArcelorMittal South Africa - Vanderbijlpark | **VISIT TO ARCELORMITTAL SOUTH AFRICA** | Community | 8:30 – 14:00 | **Daniel Motsapi****0736145127****daniel@amsasciencecentre.co.za** | No (invite only) |