**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**](mailto: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**](mailto: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**](mailto: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**](mailto: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/**](mailto: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**](mailto: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**](mailto: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**](mailto: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**](mailto: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**](mailto:mphoman@randwater.co.za)  Faith Chauke  [**fchauke@randwater.co.za**](mailto: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**](mailto: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**](mailto: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**](mailto: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**](mailto:daniel@amsasciencecentre.co.za) | No (invite only) |