



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



| | | | | | |
|------------------------|------------------|---|--------------|--------------------|--------------|
| Organisation: | Zamanzi ECD | Project Leader: | Apiwe Mawela | Province/s: | Eastern Cape |
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National Science Week events and activities:

| DATE & TIME | VENUE | LOCATION | ACTIVITY | AUDIENCE | CONTACT DETAILS | BOOKINGS REQUIRED? | | | | | | | | |
|--|---|--------------------------------|---|--------------|-----------------|--------------------------|--|--|---|-------------------------------------|--|------------------------------|------------|----|
| 29 July 08h00 – 15h00 | Butterworth | Various schools in Butterworth | <table border="1"> <tr> <td>Topic</td> <td></td> </tr> <tr> <td>Experience in Antarctica</td> <td>Saziso has spent about 18 months on an expedition in the Antarctica and will be sharing his experiences and the learnings with the candidates.</td> </tr> <tr> <td>Climate change – what is it and what does it mean?</td> <td>Vusi will engage the learners on the climate change issues currently being experienced within the Butterworth and surrounding areas linking them to the current school syllabus. He will also touch on period table elements and how the issues with climate change have caused threats on these.</td> </tr> <tr> <td>Water shortages- what is happening?</td> <td>Water shortages are normal phenomenon in South Africa, more especially within the Amathole District. Anga will bring the water shortage issues are closer to home and not something only seen on TV.</td> </tr> </table> | Topic | | Experience in Antarctica | Saziso has spent about 18 months on an expedition in the Antarctica and will be sharing his experiences and the learnings with the candidates. | Climate change – what is it and what does it mean? | Vusi will engage the learners on the climate change issues currently being experienced within the Butterworth and surrounding areas linking them to the current school syllabus. He will also touch on period table elements and how the issues with climate change have caused threats on these. | Water shortages- what is happening? | Water shortages are normal phenomenon in South Africa, more especially within the Amathole District. Anga will bring the water shortage issues are closer to home and not something only seen on TV. | School learners and teachers | 0725842449 | NO |
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| 30 July 08h00 – 15h00 | Centane | Various schools in Centane | | | | | | | | | | | | |
| 31 July 08h00 – 15h00 | Ngqamakwe | Various schools in Ngqamakwe | | | | | | | | | | | | |
| 1 August 08h00 – 15h00 | Idutywa | Various schools in Idutywa | | | | | | | | | | | | |
| 2 August 08h00 – 15h00 | Butterworth | Various schools in Butterworth | | | | | | | | | | | | |

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|----------|-------------|-------------------|--|--|----------------|--------------|----|
| | | | <p>Building a solar cooker</p> <p>Recycling</p> <p>Impact of Climate change on business</p> | <p>Kenneth will demonstrate to the candidates the ease of building a solar cooker with not much material, taking the learners through what solar energy is about and how it can impact our everyday lives.</p> <p>Odwa recently started a recycling company based within Butterworth. He will take the candidates through what his company does and why he chose to get into recycling. He will also hold discussions and demonstrations on what the different types of recyclable products and how the candidates can start recycling in their own homes and schools.</p> <p>Through presentations Maphelo will take the candidates through the impact of climate change in South Africa and globally. He will also discuss how this has impacted how people do business and industries.</p> <p>He will highlight some of the career options available to anyone who is passionate about climate change and its impact.</p> | | | |
| 3 August | Butterworth | Mgomanzi location | <p>Sports matches will be held on the Saturday in association with the local sports club</p> <p>During the course of the day, attendees will be taken through an awareness talk of the NSW, more related to the theme of climate change. Attendees will be given the various material received from SASTA.</p> | | General public | 082 728 2928 | NO |