

National Science Week Programme of Activities:

Organisation/ Host:	Agricultural Research Council	Organizer's Name	Dr Ramontsheng Rapolaki	Province/s:	Gauteng Mpumalanga
District/s	City of Tshwane Metropolitan Municipality	Ehlanzeni District Municipality			
Connect with us	Website:	www.arc.agric.za	Twitter:	https://twitter.com/ARCSouthAfrica	
	Facebook:	https://www.facebook.com/ARCSouthAfrica/	You Tube	@ARCSouthAfrica-home	
	Contact No:	012 310 2520	Other:	083 8824 070	
	E-mail:	rapolakir@arc.agric.za			

DATE	TIME	VENUE	LOCATION	NAME OF THE ACTIVITY	DESCRIPTION OF ACTIVITY	ONLINE LINK e.g. Zoom registration link/YouTube link
04/08/23	09:00am	ARC-Plant Health and Protection	Roodeplaat	Hosting of on-site activities (face-to-face only)	ARC-PHP will host 70 students that are currently enrolled at the Universities in Agriculture for Plant Health and we will covers introduction to Plant Pathology, Nematology and Entomology. PHP would like them to get information on these three disciplines. The session could include the different types of nematodes, show them the	Link not yet available

DATE	TIME	VENUE	LOCATION	NAME OF THE ACTIVITY	DESCRIPTION OF ACTIVITY	ONLINE LINK e.g. Zoom registration link/YouTube link
					<p>nematodes and how you identify nematodes. The Plant Pathology part can be about the fungal pathogens, how they are isolated and preserved, and how you identify pathogens at ARC. The entomology will also be about the basics on identification and collection of the pests. The session will also include possible career paths if one were to further their studies in these disciplines. PHP want them to understand what Plant Protection is about. PHP will also show the laboratories and equipment used.</p>	
<p>31/07/2023 – 04/08/2023</p>	<p>09:00am</p>	<p>ARC- Vegetable, Industrial and Medicinal Plants</p>	<p>Roodeplaat</p>	<p>Face-to-face outreach ARC-VIMP to demonstrate new technologies to better vegetable production for food security.</p>	<p>The learners will be transported to the ARC –VIMP campus where they will be exposed to different activities e.g building of bag system for limited space gardening, moringa products exhibition, orange flesh sweet potato exhibition of different products (recipes) and different cultivars, sharing science on production of potatoes with Mini tuber, demonstrate analysis of</p>	<p>Link not yet available</p>

DATE	TIME	VENUE	LOCATION	NAME OF THE ACTIVITY	DESCRIPTION OF ACTIVITY	ONLINE LINK e.g. Zoom registration link/YouTube link
					active ingredients of medicinal plants.	
31/07/2023 – 04/08/2023	09:00am	ARC- Vegetable, Industrial and Medicinal Plants	Roodeplaat	Documentary on Mini tubers will be developed for small holder farmer event Exhibitions and virtual invitation	During visits to ARC-VIMP face-to-face outreach and the documentary will be used to involve farmers, officials and learners who attend the NSW. The single largest contributor to potato production is the quality of potato seed. Currently potato seed make out 40% of the farmer's input costs. This cost is out of the reach of new and small entrants into this farming sector. Training farmers in producing their own seed can drastically reduce this cost but the farmer need to adapt his practice in use min-tubers each year and then bulking up for three years. Mini-tubers is today available to any farmer and the ARC can produce mini-tubers for farmers from their variety collection that is maintained in their tissue culture labs at Roodeplaat	Link not yet available
31/07/2023 – 04/08/2023	09:00am	ARC- Vegetable, Industrial and	Roodeplaat	Recorded exhibition shown during NSW	During visits to ARC-VIMP face-to-face outreach and the documentary will be used to	Link not yet available

DATE	TIME	VENUE	LOCATION	NAME OF THE ACTIVITY	DESCRIPTION OF ACTIVITY	ONLINE LINK e.g. Zoom registration link/YouTube link
		Medicinal Plants		events at ARC-VIMP	involve farmers, officials and learners who attend the NSW. The above strategy targets a spectrum of stakeholders from learners from affluent backgrounds, department officials, NGOs and learners from households with limited resources.	