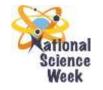




## **NATIONAL SCIENCE WEEK**



29 July 5 August 2023

## **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			_	witter:		https://twitter.com/ARCSouthAfrica		
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		Contact No:		012 310 2520			0	ther:	083	083 8824 070		
	E-mail:		rapolakir@arc.agric.za									
DATE	ТІ	ME	VENUE	LOCATION	NAME OF THE ACTIVITY	DESCRIPTION OF ACTIVITY		CTIVITY	ON	ONLINE LINK e.g. Zoom registration link/YouTube link		
04/08/23	09:0	0am	ARC-Plant Health and Protection	Roodeplaat	Hosting of on-site activities (face-to-face only)	ARC-PHP will host 70 sthat are currently enrounted that are currently enrounted that are currently enrounted that Health and we wintroduction to Plant I Nematology and Ento PHP would like them to information on these disciplines. The session include the different to nematodes, show the		colled at the cure for covers Pathology, mology. The get could ypes of	Link not yet available			

DATE	TIME	TIME VENUE LOCATION NAME OF THE ACTIVITY DESCRIPTION OF		DESCRIPTION OF ACTIVITY	ONLINE LINK e.g. Zoom registration link/YouTube link	
	nematodes. The part can be about pathogens, how and preserved, a identify pathogen entomology will at the basics on identify collection of the session will also it career paths if or further their study disciplines. PHP winderstand what Protection is about show the laborate		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.			
31/07/2023 - 04/08/2023	09:00am	ARC- Vegetable, Industrial and Medicinal Plants	Roodeplaat	Face-to-face outreach ARC- VIMP to demonstrate new technologies to better vegetable production for food security.	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	Link not yet available

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.	