

NSW8 IMPLEMENTATION PROGRAMME FOR THE FOCUS WEEK

Gauteng					
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
10 May	HartRao Mohlakeng Community Hall	There will be exhibitions outside the hall, presentations by astronomers and later there will be sky viewing We will take portable activities like turntables and rocket launchers to demonstrate basic physics principles. There will also be an astronomy presentation and career talk.	300 community members	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za	Yes
	National Zoo	Public lecture	General public	012 328 3265 x 173 or 175	Yes
		"Science and Conservation Festival: Earth in Crisis"	General public	012 328 3265 x 173 or 175	Yes
11 May					
12 May	HartRao	Learners will be given a general presentation on Hartrao followed by a career talk given by a professional scientist.They will also be given worksheets relating to the activities conducted at the visitors center like: launching rockets, learn about rotational dynamics using a turntable, effects of vacuum and how the earth is oriented in space.	Learners from Grade 6 to Grade 12 on various days.	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za	Yes
	Sci-Enza	Science Shows & Motivational Talks	High School & Public	Mrs R Horak	yes
		Mapungubwe	Primary School		By invitation only
		Career Exhibit	High School/Public		No

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	National Zoo Various high schools	Outreach programme for high schools	Grade 8 – 10 learners	N/A	Schools will be selected via the Gauteng Department of Education
	Various primary schools	Outreach programme for primary schools	Grade 8 – 10 learners	N/A	Schools will be selected via the Gauteng
	SA YNPS Pretoria And Port Elizabeth & Thyspunt area	Public education with regards to nuclear Public participation encouragement Youth induction to nuclear Career expo of the nuclear Profession	Public Students Teachers		
	SAASTE Various schools	Science Show and Fun experiments	For learners Learners, school leavers	Sipho Hlengani	Yes
	Wits	Investigative teaching Township Technology	Teachers Teachers and learners		No
	Sci-Bono	SET and SET Career Exhibitions	Grade 8-12 T,L & Public	Cynthia Malinga Morepe Mashike (011) 639 8400	No
	Harankuwa Tech Afrox	Rocketry workshop	Grade 11-12 learners		Yes
		Computer Aided Design workshop	Grade 4-12 learners		Yes
		Robotics	Grade 8-12		Yes

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		Inquiry -based science education	learners Grade 4-12		No
		Sound technology	Grade 8-12 learners		Yes
		Science and Maths shows and sudoku	Grade 3-12 learners		No
		Designing mathematics materials using equations editor	Grade 7-12 teachers		Yes
		How use Natural Display calculator			Yes
		Kitchen science	Grade 8-12 teachers		Yes
		IKS workshop- Processing grain	Grade 8-12 T & L		Yes
		Outreach	Grade 4-9 learners		No
		Field Trip	Grade 10-12 learners		No
			learners		
	University of Limpopo (Medunsa Campus) Various schools	Interactive Presentations			
			Grade 09-12	Florence	No
	Joburg Libraries Danie van Zyl Recreation Centre, Cnr. Plantation and Rex Streets, Montclair, Roodepoort	Final judging of science model building competition	Learners who entered the model building competition	Maryna Moolman 082 777 0752	N/a
13 May	HartRao	Learners will be given a general presentation on Hartrao followed by a career talk given by a professional scientist.They will also be given worksheets relating to the	Science educators	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za	Yes

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		activities conducted at the visitors center like: launching rockets, learn about rotational dynamics using a turntable, effects of vacuum and how the earth is oriented in space.	Learners from Grade 6 to Grade 12 on various days.		
	Sci-Enza	Science Shows & Motivational Talks		Mrs R Horak	yes
		Mapungubwe			By invitation only
		Career Exhibit	High School & Public		No
	National Zoo	Research programmes at the NZG"	Primary School	N/A	Schools will be selected via the Gauteng Department of Education
			High School/Public FET Learners		
	Various high schools	Outreach programme for high schools		N/A	Schools will be selected via the Gauteng Department of Education
			Grade 8 - 10 learners		Schools will be selected via the Gauteng Department of Education
	Various primary schools	Outreach programme for primary schools		N/A	Schools will be selected via the Gauteng Department
			Grade 8 - 10 learners		

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		Public education with regards to nuclear			of
	SA YNPS	Public participation encouragement			Education
	Pretoria	Youth induction to nuclear			
	And Port Elizabeth & Thyspunt area	Career expo of the nuclear Profession	Public		
			Students		
	SAASTE	Same as 12 May	Teachers		
		Programme repeats			
	Sci- Bono				
		Programme repeats			
	Abel Motshoane				
	Sec				
	Sasol				
		Programme repeats			
	University of Limpopo (Medunsa Campus)				
	Various schools				
		Exhibits on science careers; The science behind the service of Municipal Owned Entities, CSIR, SASOL, ESKOM, TELKOM		Maryna Moolman	N/a
	Joburg Libraries	Interactive workshop: "Indigenous plants and trees" by COJ City Parks		082 777 0752	
	Danie van Zyl Recreation Centre, Cnr. Plantation and Rex Streets, Montclair, Roodepoort	Biotechnology: Mr. Eric van Zyl: University of Johannesburg	Secondary school learners		
		Talk and film: "The importance of donating blood" by the SA Blood Transfusion Service			

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		Demo and talks: "Natural Indigenous medicine link with modern medicine Food Technology: Ms Denise Metcalfe Geology: Dept of Geology Zoology: Dr Erna Bruwer Botany: Ms Linda O'Reilly Chemistry: Ms Georgina Selepe Mathematics: Ms Yolande Immelman			
14 May	HartRao	Learners will be given a general presentation on Hartrao followed by a career talk given by a professional scientist. They will also be given worksheets relating to the activities conducted at the visitors center like: launching rockets, learn about rotational dynamics using a turntable, effects of vacuum and how the earth is oriented in space.	Learners from Grade 6 to Grade 12 on various days.	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za	Yes
	Sci-Enza	Science Shows & Motivational Talks Mapungubwe Career Exhibit	High School & Public Primary School	Mrs R Horak	yes By invitation only
	National Zoo Various high schools	Outreach programme for high schools	High School/Public		No
		Outreach programme for primary schools	Grade 8 - 10 learners	N/A	Schools will be selected via the Gauteng Department of Education Schools will

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Various primary schools		Grade 8 - 10 learners	N/A	be selected via the Gauteng Department of Education
	SA YNPS Pretoria And Port Elizabeth & Thyspunt area	Public education with regards to nuclear Public participation encouragement Youth induction to nuclear Career expo of the nuclear Profession	Public Students Teachers		No
	SAASTE Wits	Investigative teaching Township Technology	Teachers Teachers and learners	Sipho Hlengani	
	Various schools	Science Show and Fun experiments			
	SASOL Sci-Bono	Eduactional Excursion Educational Excursion	Teachers Learners		
	Sci -Bono	Programme repeats			
	Marekhutsane Sec Mintek	Programme repeats			
	University of Limpopo (Medunsa Campus) Various schools	Programme repeats			
	Joburg Libraries	Talk on Nanotechnology - Ms Susan Thomas Talk on Solar Cell Technology - Mr Paul Molefi	Secondary school	Maryna Moolman 082 777 0752	N/a

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Danie van Zyl Recreation Centre, Cnr. Plantation and Rex Streets, Montclair, Roodepoort	<p>Information: Physics</p> <p>Biotechnology: Mr. Eric van Zyl: University of Johannesburg</p> <p>Food Technology: Ms Denise Metcalfe</p> <p>Zoology: Dr Erna Bruwer</p> <p>Exhibits on science careers; The science behind the service of Municipal Owned Entities, CSIR, SASOL, ESKOM, TELKOM</p> <p>Interactive workshop: "Indigenous plants and trees" by COJ City Parks</p> <p>Talk and film: "The importance of donating blood" by the SA Blood Transfusion Service</p> <p>Demo and talks: "Natural Indigenous medicine link with modern medicine"</p>	learners		
15 May	HartRao	<p>Learners will be given a general presentation on Hartrao followed by a career talk given by a professional scientist. They will also be given worksheets relating to the activities conducted at the visitors center like: launching rockets, learn about rotational dynamics using a turntable, effects of vacuum and how the earth is oriented in space.</p> <p>Science Shows & Motivational Talks</p>	Learners from Grade 6 to Grade 12 on various days.	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za	Yes
	Sci-Enza	Mapungubwe	High School & Public	Mrs R Horak	yes By invitation only
		Career Exhibit	Primary School		No
		Research programmes at the NZG"	High School/Public		Schools will be selected
	National Zoo		FET Learners	N/A	

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
					via the Gauteng Department of Education
		Educators workshop	Educators	012 328 3265 x 173 or 175	Yes
	Various high schools	Outreach programme for high schools	Grade 8 - 10 learners	N/A	Schools will be selected via the Gauteng Department of Education
					Schools will be selected via the Gauteng Department of Education
	Various primary schools	Outreach programme for primary schools	Grade 8 - 10 learners	N/A	Schools will be selected via the Gauteng Department of Education
	SA YNPS Pretoria	Public education with regards to nuclear Public participation encouragement	Public		
	And Port Elizabeth & Thyspunt area	Youth induction to nuclear Career expo of the nuclear Profession	Students Teachers		
	SAASTE	Same as 12 May			
	Sci -Bono	Programme repeats			

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Nick Mpshe Sec Collect-A-can	Programme repeats			
	University of Limpopo (Medunsa Campus)	Programme repeats			
	Various schools				
16 May	HartRao Tswaing Crater & JHB Planetarium	There will be an excursion to Tswaing Crater and JHB Planetarium for learners from the North West Province.	Grade 6 to Grade 10	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za	Yes
	National Zoo Various high schools	Outreach programme for high schools	Grade 8 - 10 learners	N/A	Schools will be selected via the Gauteng Department of Education
	Various primary schools	Outreach programme for primary schools	Grade 8 - 10 learners	N/A	Schools will be selected via the Gauteng Department of Education
	SA YNPS Pretoria	Public education with regards to nuclear Public participation encouragement Youth induction to nuclear	Public Students Teachers		

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	And Port Elizabeth & Thyspunt area	Career expo of the nuclear Profession			
		Same as 12 May			
	SAASTE	SET and SET Career Exhibitions	Grade 8-12 T,L & Public	Cynthia Malinga Morepe Mashike (011) 639 8400	No
	Sci -Bono	Rocketry workshop	Grade 11-12 learners		Yes
		Computer Aided Design workshop	Grade 4-12 learners		Yes
		Robotics	Grade 8-12 learners		Yes
		Inquiry -based science education	Grade 4-12 teachers		No
	Sikhululekile sec CSI R -Modderfontein	Sound technology	Grade 8-12 learners		Yes
		Science and Maths shows and sudoku	Grade 3-12 learners		No
		Designing mathematics materials using equations editor	Grade 7-12 teachers		Yes
		How use Natural Display calculator			Yes
		Kitchen science	Grade 8-12 teachers		Yes
		IKS workshop- Processing grain	Grade 8-12 T & L Grade 4-9 learners		Yes
		Outreach	Grade 10-12 learners		No
		Field Trip	Grade 8-12 learners		No
		Programme repeats			
	University of Limpopo				

	Gauteng				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	(Medunsa Campus) Various schools Joburg Libraries Danie van Zyl Recreation Centre, Cnr. Plantation and Rex Streets, Montclair, Roodepoort	Joburg Libraries Psyched 4 Science Prize Giving Ceremony	Learners who participated in the Science Scuffle Quiz and the Model Building Competition	Maryna Moolman 082 777 0752	N/a
17 May	HartRao Tswaing Crater & JHB Planetarium SAASTE Various schools Sci -Bono University of Limpopo (Medunsa Campus) University Sports Complex	There will be an excursion to Tswaing Crater and JHB Planetarium for learners from the North West Province. Science Show and Fun experiments SET and SET Career Exhibitions Public talks Science and Maths shows Exhibitions Presentations Experiments	Grade 6 to Grade 10 For learners Learners, school leavers General public Learners and educators Grade 09-12	Anacletta Koloko (012) 326- 0742 aware@hartrao.ac.za Sipho Hlengani Cynthia Malinga Florence	Yes No No No No