

# NSW8 IMPLEMENTATION PROGRAMME FOR THE FOCUS WEEK

DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
10 May	Palabora Foundation Namakgale Stadium	Fun run	Learners, teachers, community etc.		yes
	Univ. of Limpopo SC	<ul style="list-style-type: none"> <li>Science in the mall. A promotion for the Science week with Science shows and exhibits.</li> </ul>	General Public	015 268 3099/2756	no
	Giyane SC	<ul style="list-style-type: none"> <li>Registration</li> <li>Variety of interactive exhibitions, e.g</li> <li>Rocket launching, Newton Cradle, Turntable,</li> <li>etc; Science &amp; technology demonstrations,</li> <li>e.g chemical reactions, light sensors, etc.</li> <li>Indigenous knowledge exhibitions, e.g salt</li> <li>crystallization, Beads work, etc</li> <li>Interactive exhibitions continued</li> </ul>	1 200 Learners 50 Teachers 50 Community 20 Politicians	MJ Chauke	no
	Makhado EMPC		General public		
	Makhado (Formerly Louis Trichardt) Showground	Fun run	250	Mulimisi Erdmann Kutama <mulimisierdmann@yahoo.com>	n/a
		Human body science lecture			

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
11 May					
12 May	Palabora Foundation				
	Makikele	Workshops : Motivational and research	Grade 8 - 11 learners		Yes
	Matome Malatji	Identification and selection of categories			
	Maphokwane	Actual preparation of projects			
	Vuxeni	Presentations by the learners			
	Nkateko				
	SHINGWEDZI				
	Kruger National Park	Site Visit	Grade 10-12 (60 Learners)EPP Mhinga High School and Shingwedzi High School. 2 educators. 2 facilitators		Yes
	Shingwedzi EMPC	Workshop	Grade 10-12( 120 Learners). Basopa High and Movhe High. 4 educators. 3 facilitators		No
				Grade 11 & 12 learner	

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	BOSTEC	Maths learners workshop	and their Educators Grade 11 & 12 learner and their Educators	Morudu MS	No
		Physical Science workshop for learners	Grade 5-12 learners and their Educators Grade 10-12 learners		
		Magic Science Show	Grade 10-12		
		Career exhibitions by various companies	Grade 10-12 learners, their educators and general public		
		Indigenous medicine exhibition and workshop			
			Grade 11 and 12 learners and educators		
			Grade 11 and 12 learners and educators		
	Univ. of Limpopo SC		Grade 11 and 12 learners and educators		
	New Science centre auditorium	The talk would be about the historical interest of Thulamela, reconstruction of the site and reburial of human skeletal remains.		015-268-3099	Yes
			All		
	Science centre at	Reconstruction of Thulamela village, beads,		same	yes

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Biodiversity centre	glazed pots, history.exhibition	All		
		Exhibition on the treasures and History of Mapungubwe and Makapansgat ( Exhibitors. The UI Science center). The exhibition would contain artifacts and interesting information about the excavations going on at Makapansgat)	All		yes
		Career exhibit of all the SET careers that can be followed in the Limpopo Province by the Marketing Department of the UL University) Information, brochures, video etc.	All		yes
		Exhibits of careers in mining by the mining groups in the Limpopo province e.g. Eskom,Venetia mine, The Oaks mine, De Beers, Kumba Resources Foskor limited, Marula Platinum, Anglo platinum. Videos would be shown and information given.	Grade 11 and 12		Yes
	Auditorium Biodiversity centre	Art competition. Build or draw your vision of a baobab	Grade 11 and 12		yes Yes
	Biodiversity lab	ZCC brass band entertaining visitors at official opening and during the week.	Grade 11 and 12		Yes
	Tiro Hall		All		

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		Lego workshops presented by UL staff. The basics of engineering.	Grade 10,11 and 12 science and Mathematics learners		Yes
	Tiro Hall Foyer	Workshop on Mopani worms focusing on its importance, both scientifically and culturally			yes
	Savannah mall	Workshop herbs for medicine, treating Aids and other illnesses by traditional healers	200 Learners 50 Teachers 50 Community 20 Politicians		No
	Vuwani Science Centre	Science in the mall. A promotion for the Science week with Science shows and exhibits		Vuwani Science Centre	Yes
	Giyane SC	All the activities listed below are performed with special focus on SET Exhibition: <ul style="list-style-type: none"> <li>▪ Display of exhibits for learners</li> <li>▪ Demonstration: Demonstration of experiments as listed in item 6</li> <li>▪ Hands-on training :</li> <li>▪ Laboratory training as listed in item 6</li> <li>▪ And career guidance</li> </ul>	Learners, educators,  Learners, school leavers  Teachers and learners	MJ Chauke	no
	Lemana EMPC	<ul style="list-style-type: none"> <li>▪ Registration</li> <li>▪ Variety of interactive exhibitions, e.g</li> <li>▪ Rocket launching, Newton Cradle, Turntable,</li> <li>▪ etc; Science &amp; technology demonstrations,</li> <li>▪ e.g chemical reactions, light sensors, etc.</li> </ul>		Etienne Mashimbye.	Yes

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	SAASTE Various schools	<ul style="list-style-type: none"> <li>▪ Indigenous knowledge exhibitions, e.g salt</li> <li>▪ crystallization, Beads work, etc</li> <li>▪ Interactive exhibitions continued</li> </ul>	60 Educators	Moyahabo Modiba	Yes
	MASTEC	Fun Walk and Launch	60 Educators		No
		Science Show and Fun experiments			
	Makhado EMPC Makhado EMPC	Investigative teaching Township Technology	60 educators		
		Welcoming address Workshops;		Mulimisi Erdmann Kutama <mulimisierdmann@yahoo.com>	
		1.Mathematics Calculating standard deviation, regression and correlation coefficient manually	30 educators		
	Muduluni hall (Kutama)	2.Physical sciences a. Conducting experiments on i. Titration of sodium and oxalic acid	2x35=70 learners		
		ii. Electro-chemical cell iii. ticker- timer to determine acceleration	900 learners 20 guests		
		3,.Life sciences			

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		<p>i.A presentation and discussion on theories of: Lamarck and Darwin's theories, processes of evolution, cradle of human kind.</p> <p>ii. Suitable forms of assessment for theories of evolution</p> <p>4.Electrical Technology</p> <p>a. practicals on logic gates grade 7 &amp; 8 Practicals involve use of remote control/ sensor to open electric gates and doors. Educators will also be taken through on how lamps and doors sense an image to light up and to open respectively. This radar system is also used by the military and aviation to detect aeroplanes within the airspace</p> <p>5.IT Information and practicing on how to operate a computer.</p> <p>6.Career guidance Learners will be lectured on health/medical, agricultural science and engineering professions.</p>			
13 May	<p>Palabora Foundation</p> <p>Makikele</p> <p>Matome Malatji</p>	<p>Workshops : Motivational and research</p> <p>Identification and selection of categories</p>	Grade 8 - 11 learners		Yes

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Maphokwane	Actual preparation of projects			
	Vuxeni	Presentations by the learners			
	Nkateko				
	SHINGWEDZI	Workshop	Grade 10-12(120 Learners)Mbhedle High and Sombhane High. 4 educators. 3 facilitators		
	Shingwedzi EMPC				
			Grade 12 learners (200)		
		Site Visit			Yes
	Jim Chavani high and Ripambeta High		Grade 10-12(60 Learners). Ntsako High and Mbhanyele High. 2 educators. 2 facilitators		Yes
	Nandoni water reticulation plant	Site Visit			
			Grade 11 & 12 learner and their Educators		
		Maths learners workshop	Grade 11 & 12 learner and their Educators	Morudu MS	
	BOSTEC				
		Physical Science workshop for learners	Grade 5-12 learners and their Educators Grade 10-12 learners		
		Magic Science Show	Grade 10-12		

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
		Career exhibitions by various companies	Grade 10-12 learners, their educators and general public		
		Indigenous medicine exhibition and workshop			
			1200 Learners 60 teachers 10 Community 10 Politicians		
		Activities are repeated throughout focus week			
	Univ. of Limpopo SC	Repeat of day 1 activities to a new set of learners			
	Vuwani Science Centre			MJ Chauke	
	Giyani Science Centre Mohumi High School	<ul style="list-style-type: none"> <li>▪ Registration</li> <li>▪ Science &amp; technology demonstrations, e.g chemical reactions, light sensors, etc,</li> <li>▪ Career guidance, Interactive exhibitions( see Day 1 above), Biotechnology &amp;</li> <li>▪ Biodiversity and indigenous games.</li> <li>▪ Science &amp; technology demonstrations</li> </ul>	Learners, parents and general public.  Teachers and learners		
	Lemana EMPC	Presentations, hands-on activities, workshops, outreach, site visits and exhibitions	60 educators	Etienne Mashimbye	Yes
	SAASTE MASTEC	Investigative teaching Township Technology	60 educators	Moyahabo Modiba	No

DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Limpopo				
	Various schools	Science Show and Fun experiments			
	Makhado EMPC	Workshops: 1. Mathematics a. Data Handling Calculating standard deviation, regression and correlation coefficient manually and using technology 2. Physical Sciences a. Approches to examination questions in respect of grade 12 physics paper. b. Approches to examination questions in respect of a grade11 chemistry paper. 3. IT a. Information and practicing on how to operate a computer. 4. Primary Science Using mathematics and science to teach technology 6. Career guidance Learners will be lectured on health/medical, agricultural science and engineering professions.	2x35=70learners  20 educators  900 learners 10guests	Mulimisi Erdmann Kutama <mulimisierdmann@yahoo.com>	n/a
14 May	Palabora Foundation		Grade 8 - 11 learners		Yes

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Makikele	Workshops : Motivational and research			
	Matome Malatji	Identification and selection of categories			
	Maphokwane	Actual preparation of projects			
	Vuxeni	Presentations by the learners			
	Nkateko				
	SHINGWEDZI				
	Thohoyandou Botanical Gardens	Site Visit	Grade 10-12(60 Learners). P.P. Hlungwani High, Malamulele High and Nkatini High. 3 educators. 2 facilitators		Yes
	Shingwedzi EPMC	Workshop	Grade 10-12 (120 Learners). Nthlaveni High and Matimba High. 4 educators. 3 facilitators		No
	BOSTEC	Maths learners workshop	Grade 11 & 12 learner and their Educators	Morudu MS	
		Physical Science workshop for learners	Grade 11 & 12 learner and their Educators		
			Grade 5-12 learners and their Educators		

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
			Grade 10-12 learners		
		Magic Science Show	Grade 10-12		
		Career Guidance Development workshop	Grade 10-12 learners, their educators and general public		
		Career exhibitions by various companies			
		Indigenous medicine exhibition and workshop			
			1200 Learners 60 teachers 10 Community 10 Politicians		
	Univ. of Limpopo SC	Activities are repeated throughout focus week			
	Vuwani Science Centre	Repeat of day 1 activities to a new set of learners		MJ Chauke	
	Giyani Science Centre Prof. Shilubane High	<ul style="list-style-type: none"> <li>▪ Registration</li> <li>▪ Science &amp; technology demonstrations, e.g chemical reactions, light sensors, etc,</li> <li>▪ Career guidance, Interactive exhibitions( see Day 1 above), Biotechnology &amp;</li> </ul>	Teachers and learners		
	Lemana EMPC	<ul style="list-style-type: none"> <li>▪ Biodiversity and indigenous games.</li> <li>▪ Science &amp; technology demonstrations</li> </ul>	Teachers and learners		
	SAASTE	Programme repeats	Tshiungulela Sec 61	Moyahabo Modiba	No

DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Limpopo				
	MASTEC		learners, 2 educators, 1SGB, 1photographer		
	Various schools	Investigative teaching Township Technology	Sout east/west and nzhelele valley circuits sec schools,		
	Local industry or SC	Science Show and Fun experiments	2x(61learners, 2 educators, 1SGB, 1photographer)		
	Makhado EMPC	Educational excursion		Mulimisi Erdmann Kutama <mulimisierdmann@yahoo.com>	n/a
	a. Elim Hospital	Excursions: a. A lecture will be given of what different careers in the health profession are all about as learners are taken to different departments within the hospital:(one-3hr session/week)	Tshivhase/ Patrick Ramaano secs, 2x (61learners, 2 Educators, 1SGB, 1photo		
	b. Mara Research Station via Limpopo dairy	b. To get an understanding of how animals are bred through normal and artificial processes. Educators will be explained on how animal diseases are treated (one-5hr session/week)			
	c. Makhado Airforce base	c. Learners will be taken through the requirements of being an airforce pilot and of being aeronautical engineer. They will also be shown airforce base machinery (one-4hr session/ week)			
15 May	Palabora Foundation		Grade 8 - 11 learners		Yes



DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Limpopo				
	BOSTEC	Maths learners workshop	Grade 11 & 12 learner and their Educators		
		Physical Science workshop for learners	Grade 5-12 learners and their Educators Grade 10-12 learners		
		Magic Science Show	Grade 10-12		
		Career Guidance Development workshop	Grade 10-12 learners, their educators and general public		
	Univ. of Limpopo SC	Career exhibitions by various companies			
	Vuwani Science Centre	Indigenous medicine exhibition and workshop			
	SAASTE MASTEC	Activities are repeated throughout focus week	Teachers and learners	Moyahabo Modiba	No
	Various schools	Repeat of day 1 activities to a new set of learners			
		Investigative teaching Township Technology			
		Science Show and Fun experiments			
	Makhado EMPC				

	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	a. Siloam Hospital	Excursions: a. A lecture will be given of what different careers in the health profession are all about as learners are taken to different departments within the hospital:: (one-3hr session/week) (Outreach)	a.Mamvuka/Dimbanyika 2educators, 1SGB, 1photographer	Mulimisi Erdmann Kutama <mulimisierdmann@yahoo.com>	n/a
	b.Polokwane Platinum smelters (mining)	b. To be taken through the process of extracting platinum. They will also be explained on what is required of them to do metallurgy as a career. (one 3hr session/ week) (Outreach)	b. Mphaphuli sec 27 learners,2educators, 1SGB, 1photographer		
	c.Makhado Airforce Base	c. Learners will be taken through the requirements of being an airforce pilot. They will also be shown airforce base machinery (one-4hr session/ week) (Outreach)	c.Kutama sec 61 learners, 2 educators, 1SGB, 1photographer,		
16 May	Palabora Foundation				
	Makikele	Workshops : Motivational and research	Grade 8 - 11 learners		Yes
	Matome Malatji	I dentification and selection of categories			
	Maphokwane	Actual preparation of projects			



	Limpopo				
DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Univ. of Limpopo SC	Repeat of day 1 activities to a new set of learners			
	Vuwani Science Centre				
	SAASTE MASTEC	Investigative teaching Township Technology	Teachers and learners	Moyahabo Modiba	No
	Various schools	Science Show and Fun experiments			
	Makhado EMPC	Excursions:			
	a. Tshilidzini Hospital	a. Learners will be taken through a process of studying medicinal plants historically used by the Tsonga people to repel mosquitoes. They will also be taken to a factory that process the plant and mix it with candle wax to produce a Mosquito repellent candle (Outreach)	a. Thohoyandou sec 61learners, 2educators, 1SGB, 1photographer	Mulimisi Erdmann Kutama <mulimisierdmann@yahoo.com	
	b. Venetia Diamond mine (mining)	b. Learners will be taken through on what it is involved to be a mining engineer. They will also be taken to different sites of the mine to see how diamond is mined. (one-3hr session /week) (Outreach)	b. Maneledzi sec 27learners, 1educators, 1SGB, 1photographer		
	c. Hi-Hanyile Project-Giyani Agricultural and chemical industry	c. Learners will be taken through a process of studying medicinal plants historically used by the Tsonga people to repel mosquitoes. They will also be taken to a factory that process the plant and mix it with candle wax to produce a Mosquito	c. Litshovhu sec 61learners, 2educators, 1SGB, 1photographer		

DATE	VENUE	DESCRIPTION OF ACTIVITIES	TARGET AUDIENCE	ENQUIRIES	BOOKING REQUIRED
	Limpopo	repellant candle. (Outreach)			
17 May	BOSTEC	Magic Science Show	Grade 5-12 learners and their Educators	Morudu MS	no
	Univ. of Limpopo SC	Activities are repeated throughout focus week			
	SAASTE		For learners Learners, school leavers		
	Various schools	Science Show and Fun experiments		Moyahabo Modiba	No