



SCIENCE AND TECHNOLOGY WEEK – 2009



NATIONAL INSTITUTE FOR
HIGHER EDUCATION

Northern Cape



DEPARTMENT OF EDUCATION



DATE: 01 to 08 August 2009

VENUES: MAYIBUYE CENTRE

DATE	SESSION	TIME	TOPIC	RESPONSIBILITY	VENUE		
SATURDAY 01/08/2009	1	8:30 – 10:00	<i>Cultural Activities</i>		Ms.M M Mhlauli, Simon Kgoe & Dipuo Tshaka	Mayibuye centre	
			FIELD BAND & DRUM MAJORETTES: Peter P. Aaron / Cell : 072 601 2117 / 073 399 2776				
			Sesotho Dance (10)				
			Isizulu Dance (10)				
			Setswana Dance (10)				
			Indian Dance (10)				
		10:00 – 10:10	MC				
			OPENING PRAYER				LEARNERS FROM DIFFERENT RELIGIONS
		10:10 – 10:30	WELCOMING & RATIONALE				MEC OF EDUCATION:
		10:35 – 10:45	VOTE OF THANKS				
		11:00 – 13:00	INDIGENOUS GAMES				
			⇒ Dibeke	Boresetse High vs Vuyolwethu High			Mr. M Xesi / Mrs. T Meremetsi / Mr. S Mandewo / MK Pitso Ms Mokgwabone 053 8396588
			⇒ Morabaraba Ncuva	Zingisa no.2 vs Mankurwane Primary			
			⇒ Kgati Diketo	Kim-Kgolo vs St. Peters			M Grobbelaar Cell : 082 927 0903
⇒ Jukskei	Diamantveld Primary						
13:00 – 14:00	LUNCH						

TUCKSHOP OPEN EVERYDAY FROM 8:00 – 16:00

DATE	SESSION	TIME	TOPIC	RESPONSIBILITY	VENUE	
TUESDAY - 04/08/2009				Grade 7 – 12 Learners (60 per school)/10 per grade		
	1	09:00 – 11:00	EXHIBITIONS (Same as Monday)	Pescodia / Boys High / St Boniface / H/sk. Hartswater	Simon Kgoe Jimmy Ngaba	
	2	11:00 – 13:00		Diamantveld / Thlommelang / Barkley Wes H/s		
	3	14:00 – 16:00		Tetlanyo / Homevale / Noord Kaap		
	1	09:00 – 10:00	MTN MOBILE Demonstrating science in a playful and fun manner Ms. Busi 083 2769512	10 / School [20 per session]	F van Gensen & Lida Lochner	
		10:00 – 11:00		Gr.8 - Greenpoint, Tshireleco		
		11:00 – 12:00		Gr.9 - Elizabeth Conradie, N J Heyns Gr.11 - Re Tlameleng, Kimberley Girls' High		
	Professionals, experts will address learners every day. These talks will be motivational and contain information about their specific jobs. The fields that are relevant to the NC will be given preference					
		09:00 – 10:00	FORENSIC SCIENCE	Dr Mafungo(Pathologist) M K Pitso/ CC Lesitedi	Gr. 10's [40] (10 p/sch)	Mayibuye centre
		10:30 – 11:30	SPORT SCIENCE	Mr. Mdunge (Department of Health) 053 8300628 / X Taba	Floors (10) Vuyolwethu(10) Thabane (10) Girl's High (10)	
		12:00 – 13:00	HIV/AIDS	Ms Mazibuko (Department of Health) 053 8300524/ I Murphy		
		09:00 – 10:00	HIV/AIDS	Ms Mazibuko (Department of Health) 053 8300524/ I Murphy	Gr. 11's [40] (10 p/sch)	
		10:30 – 11:30	FORENSIC SCIENCE	Dr Mafungo(Pathologist) M K Pitso CC Lesitedi	Floors (10) Vuyolwethu(10) Thabane (10) Girl's High (10)	
		12:00 – 13:00	SPORT SCIENCE	Mr. Mdunge (Department of Health) 053 8300628/ X Taba		
		09:00 – 10:00	SPORT SCIENCE	Mr. Mdunge (Department of Health) 053 8300628/ X Taba	Gr. 12's [40] (10 p/sch)	
		10:30 – 11:30	HIV/AIDS	Ms Mazibuko (Department of Health) 053 8300524/ I Murphy	Floors (10) Vuyolwethu(10) Thabane (10) Girl's High (10)	
		12:00 – 13:00	FORENSIC SCIENCE	Dr Mafungo (Pathologist) M K Pitso CC Lesitedi		
	1	08:00 – 10:30	M² COFFEE SHOP PROJECT Celebrating the rhythm of mathematics Language – "Signposts of Democracy" Maths – " the money scene" – financial maths "Tangle" Technology – how to use the Casio Fx – 82ES Scientific calculator	PEER TEACHING Grade 10 Learners Anne Maclean Cell: 083 656 1587 / Work: 053 – 832 5047 / Telefax: 053 – 832 6236	Grade 9's [60] (30 per school)	M2 Campus 4 North Circular Road
	2	11:00 – 13:30			Dr E P Lekhela (30) Vuyolwethu (30)	
	1	09:00 – 10:00	ASTRONOMY HANDS ON Learners will be taught on how to build their own telescopes; They will be provided with the necessary material and will be guided through the process.	J.Thomas/ G.Jacobs/ S Thuynsma	Gr.6 - 30 per session (10per sch.)	
	2	10:30 – 11:30			KJS / Staats Pres./ Diamantveld Pr.	
	3	12:00 – 13:00			Flamingo / Progress / Boichoko Isago / Masiza / Montshiwa	
	1	09:00 – 10:30	BRIDGE BUILDING Learners will be required to build a bridge, using the provided material. The strongest bridge wins. Winners will receive a prize, e.g. a scientific book or calculator. No cash prize will be awarded.	Mr. S Machaba 053 830 8800	5 per group x 6 = 30 (10 p/sch)	
	2	10:45 – 12:15			Gr.2- KJS / Staats Pres./ Diamant vld	
	3	12:30 – 13:30			Gr.3- Flamingo / Progress / Boichoko Gr.4- Isago / Masiza / Montshiwa	
	1	09:00 – 14:00	EXCURSION See a scientist, hear a scientist – Botany, Zoology, Archeology & History Departments (Bio, Science & History learners) Special session for a group of teachers.	Mr. C Fortune 053 8392700 053 8511197 053 8421433(Fax) A Alexander / S Dreyer	Gr.9's [60] 10 learns p/sch	M ^c Gregor Museum (Two or three educators are to accompany each group)
	2	09:00 – 14:00	EXCURSION	Mr. D Morris 0822224777 053 8421433 (Bio, Science & History learners) R Selaletse / K Vanto	Grade 10 & 11 Learners	Wildebeest Kuil Rock Art Centre
	3	09:00 – 14:00	EXCURSION The route water takes from the time it is drawn from the Vaal river until it becomes available in our taps for household purposes.	Water purification Mr. S Coetzee 084 2381959 C Starr	Grade 9 & 11 Learners[60] (20 p/sc) 10 p/gr	Riverton
	09:00 – 14:00	EXCURSION How to make use of laser technology to produce articles out of Perspex, etc.	Fablab Mr. T Riet / M Z Moalahi 082 3373533/ 053 8396587 Dion	Gr.11's [60] (20 p/sch)	Fablab	
4	07:45 – 16:00	EXCURSION TO SUTHERLAND Exhibits, see a Scientist (Role models – learners address by astronomers), Presentation on African Astronomy, Astronomy hands on (build telescopes), Visit to SALT).	NCDE & SAOO Mr. F J Nassi, & K Govender 073 2119 157	Grade 7 & 11 Learners Across the province	SUTHERLAND (SALT)	
	19:00 – 21:30	STARGAZING (Telescope viewing during a special open night)				
1	18:30 – 20:00	LOCAL(KIMBERLEY) STARGAZING	S Thuynsma & D Myburgh, G Izquierdo Rodriguez	25 Community/ 80 Students	Showgrounds	

DATE	SESSION	TIME	TOPIC	RESPONSIBILITY	VENUE	
WEDNESDAY - 05/08/2009				Grade 7 – 12 Learners (60 per school)/10 per grade		
	1	09:00 – 11:00	EXHIBITIONS (Same as Monday)	Roodepan Pr. / West End Pr. / Beacon Pr.	Simon Kgoe & K Vanto	
	2	11:00 – 13:00		HTS / Thabane / Re Tlameleng/ Hartswater Comb.		
	3	14:00 – 16:00		Floors / Vuyolwethu / Girl's High		
	1	09:00 – 10:00	MTN MOBILE Demonstrating science in a playful and fun manner Ms. Busi 083 2769512	10 / School [20 per session]	F van Gensen & Lida Lochner	
		10:00 – 11:00		Gr.8 - Diamantveld, Floors Com.		
		11:00 – 12:00		Gr.9 - Thabane, St. Boniface Gr.11 - Vuyolwethu, Boys High		
	Professionals, experts will address learners every day. These talks will be motivational and contain information about their specific jobs. The fields that are relevant to the NC will be given preference					
	1	10:00 – 11:00	FORENSIC SCIENCE	Dr Mafungo(Pathologist) M K Pitso	Gr. 10's [40] (10 p/sch)	Mayibuye centre
	2	11:15 – 12:15	SPORT SCIENCE	Mr. Mdunge (Department of Health) 053 8300628/ X Taba	Tetlanyo (10) Thlomelang(10) William Pescod (10) Boys High (10)	
	3	12:30 – 13:30	HIV/AIDS	Ms Mazibuko (Dept. of Health) 053 8300524/ I Murphy		
	1	10:00 – 11:00	HIV/AIDS	Ms Mazibuko (Dept. of Health) 053 8300524/ I Murphy	Gr. 11's [40] (10 p/sch)	
	2	11:15 – 12:15	FORENSIC SCIENCE	Dr Mafungo(Pathologist) M K Pitso	Tetlanyo (10) Thlomelang(10) William Pescod (10) Boys High (10)	
	3	12:30 – 13:30	SPORT SCIENCE	Mr. Mdunge (Department of Health) 053 8300628/ X Taba		
	1	10:00 – 11:00	SPORT SCIENCE	Mr. Mdunge (Department of Health) 053 8300628/ X Taba	Gr. 12's [40] (10 p/sch)	
	2	11:15 – 12:15	HIV/AIDS	Ms Mazibuko(Dept. of Health) 053 8300524/ I Murphy	Tetlanyo (10) Thlomelang(10) William Pescod (10) Boys High (10)	
	3	12:30 – 13:30	FORENSIC SCIENCE	Dr Mafungo (Pathologist) M K Pitso		
	1	08:00 – 10:30	M² COFFEE SHOP PROJECT Celebrating the rhythm of mathematics Language – "Signposts of Democracy" Maths – " the money scene" – financial maths "Tangle" Technology – how to use the Casio Fx – 82ES Scientific calculator	PEER TEACHING Grade 10 Learners Anne Maclean Cell: 083 656 1587 / Work: 053 – 832 5047 / Telefax: 053 – 832 6236	Grade 9's [60] (30 per school) Greenpoint (30) Adamantia (30)	M2 Campus 4 North Circular Road
	2	11:00 – 13:30			St Boniface (30) HTS (30)	
	1	09:00 – 10:00	ASTRONOMY HANDS ON Learners will be taught on how to build their own telescopes; They will be provided with the necessary material and will be guided through the process.	Gr.7's -30 per session (10 p/sch)		
	2	10:30– 11:30		L.Poonawassy/ G.Delport S Thuynsma	Du Toit Span / Herlear / Newton	
	3	12:00 – 13:00			Reneilwe /St. Peters/Sol Plaatje HP Tshiamo / Zingisa no.1 / Floors Nrth	
	1	09:00 – 10:30	BRIDGE BUILDING Learners will be required to build a bridge, using the provided material. The strongest bridge wins. Winners will receive a prize, e.g. a scientific book or calculator. No cash prize will be awarded.	Mr. S Machaba 053 830 8800	5 per group x 6 = 30 (10 p/sch)	
	2	10:45 – 12:15			C Naroth	Gr.2- Du Toit Span / Herlear / Newton
	3	12:30 – 13:30				Gr.3- Reneilwe /St. Peters/Sol Plaatje LP Gr.4- Tshiamo / Zingisa no1 / Floors Nrth
	1	09:00 – 14:00	EXCURSION See a scientist, hear a scientist – Botany, Zoology, Archeology & History Departments (Bio, Science & History learners) Special session for a group of teachers.	Mr. C Fortune 053 8392700 053 8511197 053 8421433(Fax) C Starr	Gr.10's [60] 10 learns p/ sc Emang Mmogo (10) Bio Dr E P Lekhela (10) Phys. Diamantveld (10) Hist Greenpoint (10) Bio Hoër Tegiese Sk (10) Phys Elizabeth Conradie(10) Hist	M ^c Gregor Museum (Two or three educators are to accompany each group)
	2	09:00 – 14:00	EXCURSION The development of geomorphological structures	Mr. D Morris 0822224777 053 8421433 B Morape / R Selaletse	Grade 10 & 11 Learners Dikgatlong (60) Delporthoop (60) Barkley West H/s (60)	Nooitgedacht Glazier formations
3	09:00 – 14:00	EXCURSION The route water takes from the time it is drawn from the Vaal river until it becomes available in our taps for household purposes.	Water purification Mr. S Coetzee 084 2381959 Lebo Lesetedi	Grade 9 & 11 Learners[60] (20 p/sc) 10 p/gr Greenpoint, Diamantveld, St Boniface	Riverton	
4	09:00 – 14:00	EXCURSION How to make use of laser technology to produce articles out of Perspex, etc.	Fablab MR. T Riet / M Z Moalahi 082 3373533/ 053 8396587 Jimmy Ngaba / Malcolm Kenny	Gr.10 [60] (20 p/sch) Hoër Tegiese Skool, Emang Mmogo, Floors	Fablab	
5	09:00 – 13:00	GRIQUAS The Griqua group will explain & demonstrate how food was preserved by using salt.	Liesbet Waterboer 053 3430940/ D Tshakela	Gr. 7 – 12 [125 learners] (25 p/sch) Lucritia, Pescodia H/s, Noord Kaap, Adamantia, St Boniface	Mayibuye centre	
5	05:00 – 18:30	EXCURSION TO SUTHERLAND <i>Second group(Travelling)</i>	NCDE & SAO Mr. F J Nassi & K Govender 073 2119 157	Grade 7 & 11 Learners Across the province	SUTHERLAND (SALT)	
1	18:30 – 20:00	LOCAL(KIMBERLEY) STARGAZING	C Starr/ S Thuynsma G Izquierdo Rodriguez	25 Community/ 80 Students	Showgrounds	

DATE	SESSION	TIME	TOPIC	RESPONSIBILITY	VENUE	
THURSDAY - 06/08/2009	Grade 7 – 12 Learners (60 per school)/10 per grade					
	1	09:00 – 11:00	EXHIBITIONS (Same as Monday)	Jannie Brink / Boitshoko Pr. / Endeavour Pr.	Jimmy Ngaba & Simon Kgoe	
	2	11:00 – 13:00		Kevin Nkoane / Pescodia Pr./ Pres. Swart		
	3	14:00 – 16:00		Vaalrivier H/s / Boretsetse / Reakantswe		
	1	09:00 – 10:00	MTN MOBILE Demonstrating science in a playful and fun manner Ms. Busi 083 2769512	10 / School [20 per session]		F van Gensen & Lida Lochner
		10:00 – 11:00		Gr. 8 - Elizabeth Conradi, N J Heyns		
		11:00 – 12:00		Gr.9 - Re Tlameleng, Kimberley Girls' High Gr.11 - Greenpoint, Tshireleco		
	<small>Professionals, experts will address learners every day. These talks will be motivational and contain information about their specific jobs. The fields that are relevant to the NC will be given preference</small>					
	1	09:00 – 10:00	Demonstration using basic house equipment and materials to exhibit science in a healthful and fun way	G.Jacobs & L. Poonawassy 084 3088792 E Koopman	Gr. 10's [40] (10 p/sch)	Mayibuye centre
	2	10:15 – 11:15	Archeologist	Mr. Aggenbach (Council Geoscience) 054 3321403/ B Morape	Emang Mmogo (10) Dr E P Lekhela (10) Diamantveld (10) HTS(10)	
	3	11:30 – 12:30	Career opportunities (SET)	Mrs.Villaflares & Sr. MB (NCDE) 082 424 8881/ S Thuynsma		
	1	09:00 – 10:00	Career opportunities (SET)	Mrs.Villaflares & Sr. MB (NCDE) 082 424 8881 / S Thuynsma	Gr. 11's [40] (10 p/sch)	Mayibuye centre
	2	10:15 – 11:15	Demonstration using basic house equipment and materials to exhibit science in a healthful and fun way	G.Jacobs & L. Poonawassy 084 3088792 / E Koopman	Emang Mmogo (10) Dr E P Lekhela (10) Diamantveld (10) HTS(10)	
	3	11:30 – 12:30	Archeologist	Mr. Aggenbach (Council Geoscience) 054 3321403/ B Morape		
	1	09:00 – 10:00	Archeologist	Mr. Aggenbach (Council Geoscience) 054 3321403/ B Morape	Gr. 12's [40] (10 p/sch)	Mayibuye centre
	2	10:15 – 11:15	Career opportunities (SET)	Mrs.Villaflares & Sr. MB (NCDE) 082 424 8881/ S Thuynsma	Emang Mmogo (10) Dr E P Lekhela(10) Diamantveld (10) HTS(10)	
	3	11:30 – 12:30	Demonstration using basic house equipment and materials to exhibit science in a healthful and fun way	G.Jacobs & L. Poonawassy 084 3088792 E Koopman		
	1	08:00 – 10:30	M² COFFEE SHOP PROJECT Celebrating the rhythm of mathematics Language – "Signposts of Democracy" Maths – "the money scene" – financial maths "Tangle" Technology – how to use the Casio Fx – 82ES Scientific calculator	PEER TEACHING Grade 10 Learners Anne Maclean Cell: 083 656 1587 / Work: 053 – 832 5047 / Telefax: 053 – 832 6236	Grade 9's [60] (30 per school)	M2 Campus 4 North Circular Road
	2	11:00 – 13:30			Tetlanyo (30) Thabane (30) Floors Comprehensive (30) William Pescod (30)	
1	09:00 – 10:00	ASTRONOMY HANDS ON Learners will be taught on how to build their own telescopes; They will be provided with the necessary material and will be guided through the process.	N.Hassan/ D.Mabote J.Thomas/ Myburgh	Gr.8 – 30 per session (10 p/sch)	M ^c Gregor Museum (Two or three educators are to accompany each group)	
2	10:30 – 11:30			Lucritia, Emmanuel, Boys High		
3	12:00 – 13:00			IXunkhwesa, St.Boniface, Adamantia Diamantveld H/Sc, Tshireleco, Emang Mmogo		
1	09:00 – 10:30	BRIDGE BUILDING Learners will be required to build a bridge, using the provided material. The strongest bridge wins. Winners will receive a prize, e.g. a scientific book or calculator. No cash prize will be awarded.	Mr. S Machaba 053 830 8800	5 per group x 6 = 30 (10 p/sch)	M ^c Gregor Museum (Two or three educators are to accompany each group)	
2	10:45 – 12:15			Gr. 2 -Pescodia /Roodepan /Venus		
3	12:30 – 13:30			Gr. 3- IXunkhwesa, Molehabangwe, Endeavour Gr. 4- K Nkoane / W End Pr / Olympic		
1	09:00 – 14:00	EXCURSION See a scientist, hear a scientist – Botany, Zoology, Archeology & History Departments (Bio, Science & History learners) Special session for a group of teachers.	Mr. C Fortune 053 8392700 053 8511197 053 8421433(Fax) A Alexander	Gr.11's [60]10 Learns p/ sc	M ^c Gregor Museum (Two or three educators are to accompany each group)	
2	09:00 – 14:00	EXCURSION	Airport Ms. S Malander 053 830 7128 M K Pitso / K Vanto	Gr.1-6 [120] (20 Learns p/ sc)	Airport	
3	09:00 – 14:00	EXCURSION The route water takes from the time it is drawn from the Vaal river until it becomes available in our taps for household purposes.	Water purification Mr. S Coetzee 084 2381959 D Tshakela / C Starr	Grade 9 & 11 Learners[60] (20 p/sc) 10 p/gr	Riverton	
	09:00 – 14:00	EXCURSION How to make use of laser technology to produce articles out of Perspex, etc.	Fablab Mr. T Riet / M Z Moalahi 082 3373533/ 053 8396587 Dion Christians	Gr.9 [60] (20 p/sch)	Fablab	
4	07:45 – 16:00	EXCURSION TO SUTHERLAND Exhibits, See a Scientist (Role models – learners address by astronomers), Presentation on African Astronomy, Astronomy hands on (build telescopes), Visit to SALT)	NCDE & SAAO Mr. F J Nassi, & K Govender 073 2119 157	Grade 7 & 11 Learners Across the province	SUTHERLAND (SALT)	
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FRIDAY - 07/08/2009				Grade 7 – 12 Learners (60 per school)/10 per grade		
	1	09:00 – 11:00	EXHIBITIONS (Same as Monday)	Vaalharts Sek. / Tlhwahalang / H/ Vaalharts	& Simon Kgoe	
	2	11:00 – 13:00		Warrenvale / Mogomotsi / H/s Warrenton		
	3	14:00 – 16:00		Herlear Pr. / Olimpic Pr. / Zingisa no.2.		
	1	09:00 – 10:00	MTN MOBILE Demonstrating science in a playful and fun manner Ms. Busi 083 2769512	20 / School [40 per session]		F van Gensen & Lida Lochner
		10:00 – 11:00		Gr.7 - Redirile, Groenpunt Prim,		
		11:00 – 12:00		Gr.8 - Emmanuel, Lucretia, Gr.9 - Floors North, Kimberley Junior		
	Professionals, experts will address learners every day. These talks will be motivational and contain information about their specific jobs. The fields that are relevant to the NC will be given preference					
	1	09:00 – 10:00	Demonstration using basic house equipment and materials to exhibit science in a healthful and fun way	G.Jacobs & L. Poonawassy 084 3088792 E Koopman	Gr. 10's [40] (10 p/sch) Adamantia (10) Thireleco (10) Greenpoint (10) Elizabeth Conradie (10)	Mayibuye centre
	2	10:15 – 11:15	Archeologist	Mr. Aggenbach (Council Geoscience) 054 3321403/ B Morape		
	3	11:30 – 12:30	Career opportunities (SET)	Mrs.Villaflores & Sr. MB (NCDE) 082 424 8881 / S Thuynsma		
	1	09:00 – 10:00	Career opportunities (SET)	Mrs.Villaflores & Sr. MB (NCDE) 082 424 8881 / S Thuynsma	Gr. 11's [40] (10 p/sch)	Mayibuye centre
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	2	11:00 – 13:30			Tshireleco (30) Floors North Prim (30)	
	1	09:00 – 10:00	ASTRONOMY HANDS ON Learners will be taught on how to build their own telescopes; They will be provided with the necessary material and will be guided through the process.	Gr.9's - 30 per session (15 p/sch)		Mayibuye centre
	2	10:30 – 11:30		N.Hassan/ J. Thomas/Myburgh	Kimberley Girls' High, Noord Kaap H/Sch	
3	12:00 – 13:00	Greenpoint, Hoër Tegiese Skool Elizabeth CL.onradie, Thireleco				
1	09:00 – 10:30	BRIDGE BUILDING Learners will be required to build a bridge, using the provided material. The strongest bridge wins. Winners will receive a prize, e.g. a scientific book or calculator. No cash prize will be awarded.	Mr. S Machaba 053 830 8800	5 per group x 6 = 30 (10 p/sch)	Mayibuye centre	
2	10:45 – 12:15			C Naroth		Gr. 2- Flamingo / Progress / Boichoko
3	12:30 – 13:30			Gr. 3- Tshiamo / Zingisa no1 / Floors Nrth Gr. 4- Reneilwe /St. Peters/Sol Plaatje LP		
1	09:00 – 14:00	EXCURSION See a scientist, hear a scientist – Botany, Zoology, Archeology & History Departments (Bio, Science & History learners) Special session for a group of teachers.	Mr. C Fortune 053 8392700 053 8511197 053 8421433(Fax) A Alexander / S Dreyer	Gr.12's [60] Adamantia (10) Phys. Thireleco (10) Bio N J Heyns (10) Hist Rietvale (10) Phys. Hoër Landbou (10) Bio Banksdrift (10) Hist	M ^c Gregor Museum (Two or three educators are to accompany each group)	
2	09:00 – 14:00	EXCURSION The route water takes from the time it is drawn from the Vaal river until it becomes available in our taps for household purposes.	Water purification Mr. S Coetzee 084 2381959 C Starr / K Vanto	Grade 9 & 11 Learners[60] (20 p/sc) 10 p/gr HTS, Tetlanyo, Tlhomelang	Riverton	
3	09:00 – 14:00	EXCURSION	Airport Ms. S Malander 053 830 7128 M K Pitso	Gr.1-6 [120] (20 Learns p/ sc) !Xun Kwesa, Kim-Golo, Zingisa no. 2, Sol Plaatje LP, Homevale no.1, Venus,		
4	09:00 – 14:00	EXCURSION How to make use of laser technology to produce articles out of Perspex, etc.	Fablab Mr. T Riet / M Z Moalahi 082 3373533/ 053 8396587 Jimmy Ngaba/ Malcolm Kenny	Gr.8 [60] (20 p/sch) Vuyolwethu, Tlhomelang, Tetlanyo	Fablab	
1	09:00 – 13:00	!XUN-KHWE The !Xun & Khwe group will demonstrate & explain how to start a fire, by rubbing two sticks together. The principle of friction demonstrated. The survival skills and indigenous plants of medicinal properties will be displayed and explained. A lecture is also given on how iron ore was excavated and processed to manufacture spears, bow & arrows, as well as the poison use for arrow points.	Mr. Maseka (Mr. M Mahoga Jr. – 0829492148 / 0835768425 / 0538320245) C Starr / M Mhlauli / D Tshakela / CC Lesetedi	Gr. 7 – 12 [125 learners] (25 p/sch) Boys High, William Pescod, Tshireleco, E P Lekhela, Diamantveld	Mayibuye centre	
1	18:30 – 20:00	LOCAL(KIMBERLEY) STARGAZING	G.Delport/ G Izquierdo Rodriguez	25 Community/ 80 Students	Showgrounds	

SATURDAY - 08/08/2009	09:00 – 12:00	EXHIBITIONS <i>Open to Public</i>		
	10:00 – 12:00	<i>Cultural Activities</i>		
		FIELD BAND & DRUM MAJORETTES: Peter P. Aaron / Cell : 072 601 2117/ 073 399 2776		
			Sesotho Dance (10)	Ms.M M Mhlauli, Simon Kgoe & Dipuo Tshaka
			Isizulu Dance (10)	
			Setswana Dance (10)	
	Indian Dance (10)			