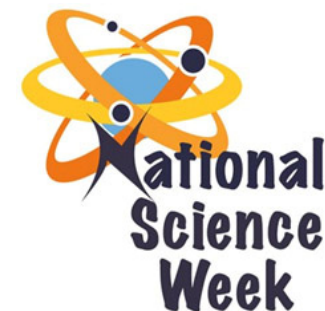


Department of Education

East London

Province: Eastern Cape

20 Moffat Road, Milner Estate, East London, 5247



Project implementation plan for Focus Week (1- 8 August 2009)

Thrust	Objectives	Delivery Approach(es)/Activities	Topic	Target Audience	Intended number to be reached
1. Scientific Areas where provinces have knowledge and geographical advantage	1 Create awareness of the important role science play's in people's daily lives	<p>ACTIVITY 1 Content: Fun run and a presentation talk by Brian Richards President of the Border Athletics .</p> <p><i>It will be the first event of the national Science week ands will take place from 10H00 on Saturday 09 May this will be for a 5 Km race. All participants will receive a medal worth R10-00. The main purpose will be to draw the attention of the general public on the activities that will be taking place at the main site in Qamata Great Place</i></p> <ul style="list-style-type: none"> <i>This will be for a duration of 4 hours after 4hrs of running and awards there will be a public talk presented by Brian Richards of the border athletics on the topic the SCIENCE OF SPORT. This public lecture will be mainly based on</i> 	"The Science of Sport"	Teachers from the schools where the athletes come from. Learners all grades. Nurses, Ambulance drivers, Traffic police marshals and students assistants.	Approximately an audience of 250 people

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		<p><i>the effect of physical exercise on the functioning of the nervous system as well as the connection between the physical exercise and the development of the muscles of the body. At the end of the fun run medals will be presented to an audience of about 200 people main out of school youth and adults</i></p> <ul style="list-style-type: none"> <i>fun run will be for a 5 Km</i> <p>Duration: Five Hours including lecture and presentation of medals</p> <p>Frequency per day and/week: once only on Saturday 01 August</p> <p>Inhouse or outreach: Learners from Cofimvaba and Engcobo Districts will participate.</p> <p>Format: Fun Run & Lecture on Science of Sport.</p>			
	2 Encourage our youth to consider studying &	<p>ACTIVITY 1 (Learning channel videos for Maths and Science through a data projector</p> <p>Content: <i>This event will start on Monday 11th May to Friday 15th May a big screen</i></p>	Learning Channel Video Teachings on a Big Screen for Grade 11 & 12 learners only Topics that will be	Grade 11 & 12 Learners only	100 grade 11 & 12 per day for 5 days. Monday to Friday

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	improving their performance in maths and science	<p><i>will be used to project the learning channel videos for Mathematics grade11 and 12 revision. The topics dealt with will be selected by subject specialist and interactive notes will be provided for the participants this will be done by photocopying the master notes that comes with the video into several hundred copies for each of the learners that will participate on the programme. At the end of the viewing the learner will take home their notes which will serve as extra Maths learner support material support for them.</i></p> <p>Duration: <i>It will last 5 days from Monday 03 August to Friday 07 August.</i></p> <p>Frequency per day and/week: <i>This event will be done for two hours twice per day for five days Mon – Fri and it will alternate between Science and Mathematics per day.</i></p> <p>In-house or outreach: In-house QAMATA GREAT PLACE COFIMVABA Only</p> <p>Format: Interactive Video Lessons for Mathematics and Science grade 11 & 12.</p>	<p>done are the following:</p> <p>MATHS</p> <ol style="list-style-type: none"> 1. Analytical Geometry 2. Sequence & Series 3. Calculus 4. Linear programming <p>SCIENCE</p> <ol style="list-style-type: none"> 1. Chemical Equilibrium 2. Organic Chemistry 3. Momentum 4. Newton law 1-3 5. Balancing Redox 		

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	3 Attract more of our youth into SET careers	<p>ACTIVITY 1 Exhibitions and stalls by Walter Sisulu University, Department of Land Affairs, Department of Agriculture, Various publishers, Fort-Hare University and Eastern Cape Public FET college.</p> <p>Content: <i>Higher Education Institutions like WSU, Fort Hare will host stalls and make demonstrations on a variety of topics covering Technology, engineering, science & mathematics as well as career guidance information on these careers will be made available in the form of leaflets that will be distributed to participants. A total of three stalls are planned for the week and will run for five days. (Note: there are units of these HEI that we have been working with for the past three years that are on the East London Campus will be presenting in QAMATA GREAT PLACE. Note that these are individuals that are based in institutions such as Fort Hare and Walter Sisulu but not necessarily linked with the NSW2009 activities in their own Institutions.</i></p> <p>Duration: Daily from Monday to</p>	<p>Analytical Chemistry.</p> <p>Analytical Chemistry is the name given by Walter Sisulu university to a series of chemistry activities suitable for learners in grade 8- to- grade 12. These demonstrations vary from</p> <ol style="list-style-type: none"> 1. water testing, 2. water purification 3. titrations and 4. Redox reactions <p>WSU chemistry unit will establish a break away venue in the site at Qamata great place and they will run two hour shows daily for GET & FET</p>	All Senior Phase and FET learners	200 per day for 5 days.

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		<p>Friday for 5hrs a day.</p> <p>Frequency per day and/week: Continuous for 5hrs a day</p> <p>In-house or outreach: In-house</p> <p>Format: Stalls & Exhibitions</p>	students on Chemistry experiments.		
2. Indigenous Knowledge	1 Create awareness of the important role science play's in people's daily lives	<p><u>ACTIVITY 1</u> Display of indigenous medicinal plants, food items, and indigenous games and a Public lecture on Indigenous knowledge systems.</p> <p>Content: <i>Members of the community will make display and exhibition of a variety of Indigenous plants that are used as medicinal, indigenous food items and perform indigenous games. Parents will take turns to explain how each food item is prepared and Mrs Lekhehle will rap up by explaining the technology involved the nutritional value the health advantages of the items presented. This will be for one day only and will last for about 3hrs</i></p>	Indigenous Knowledge Systems Focus day	Members of Community and learners from all grades.	About 200 learners and 100 adults from the community.

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		<p>Duration: 2Hrs Sunday 02 August</p> <p>Frequency per day and/week: Once only</p> <p>Inhouse or outreach: Inhouse Qamata Great Place</p> <p>Format: Exhibition and talk.</p> <p>ACTIVITY 2 Lecture on Making of traditional Beer – Umqomboti.)</p> <p>Content: An in-depth presentation on the brewing of the traditional beer umqombothi with the special focus on the process of fermentation and anaerobic respiration.</p> <p>Duration: 2hour demonstration</p> <p>Frequency per day and/week: Once only on Monday 03 August</p> <p>In-house or outreach: In-house only QAMATA GREAT PLACE.</p> <p>Format: Demonstration lecture</p>			
	3 Attract more of	ACTIVITY 1 Lecture on the Conceptual understanding of IKS and its value to	Indigenous Knowledge	Community members,	About 200 to 300 members

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	<p>our youth into SET careers</p>	<p>community and possible careers available for IKS.</p> <p>Content: <i>. After presentations that will be given by various presenters on food technology and on traditional healing knowledge by the sangomas. Description of indigenous food technologies see under topic.</i></p> <p><i>Mr. MBS Mnyatheli will give a public lecture on the conceptual understanding of the indigenous Knowledge Systems. The lecture will last four 1½Hrs</i></p> <p>Duration: 1Hour 30minutes.</p> <p>Frequency per day and/week: Once only on Sunday 02 August</p> <p>Inhouse or outreach: Inhouse only at Qamata Great Place</p> <p>Format: Presentations of Food technology by members of the community and a public lecture on IKS .</p>	<p>Systems Focus Activities.</p> <p>Selected Community Members will make presentation on a number of food items that are indigenous food items. These will include the Following:</p> <p>UMphothulo – a traditional salad made up of boiled mealies and crushed then mixed with sour milk.</p> <p>Amarhewu: a traditional drink made up of fermented maize used mainly as drink during occasions.</p> <ol style="list-style-type: none"> 1. UMQA 2. UMQOMBOTHI 	<p>Teachers, learners and out of school youth.</p> <p>General and open to all groups.</p>	<p>of the community, learners and out of school youth.</p>

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			<p>3. IMIFINO</p> <p>All these will be presented by local people who will explain the food technology in the preparation of such food stuffs and why they were such that people could not have sickness like it is today. The processes of preparation, the technology involved from the indigenous people will be discussed</p>		