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Nokia Mobile Mathematics Project

Eastern Cape Province Summary Report - 2012

03/06/2012

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1. Participating schools in the North West Province

Eastern Cape Province has 51 schools participating in the project this year. There are seven schools who have not yet registered new learners up to date regardless of the interventions made by SchoolNet to motivate them.

The schools are as follows:

- 1 Bizana
- 2 Cibeni
- 3 George Mqalo
- 4 Gill College
- 5 Lindelani
- 6 Ntsikayezwe
- 7 KT Mchasa

2. Nokia Mobile Mathematics New Teacher Training

Background to training

A proposal for the facilitation of training to new Grade 10 and 11 Mathematics teachers in the Nokia Mobile Mathematics Project SchoolNet SA was submitted. A maximum number of two sessions per Province was agreed upon.

To this end, the following training workshops were conducted as follows:

- **Three** training sessions in the **North West Province** (Provincial officials requested an additional session due to the long list of expected teachers and the distance to be travelled by teachers)
- **One** training session in the **Free State Province** and
- **One** training session in the **Eastern Cape Province**.

- 1 Bizana
- 2 Cibeni
George
- 3 Mqalo
- 4 Gill College
- 5 Lindelani
- 6 Ntsikayezwe
- 7 KT Mchasa

Free State Province – 15 March 2012

Training Venue and equipment

Training was held at the Free State Provincial Government Building in Bloemfontein on 15 March 2012. The computer laboratory was fully equipped with 19 computers connected to the internet and a screen projector.



Participants

There were 17 trainees out of 33 expected, including 3 Education Department Officials, who attended the training. Amongst the trainees was the Provincial official, Ms Pam Hugo who liaised with a SchoolNet co-ordinator to provide successful training. She was also disappointed by the reduced number of attendees, considering the human resources involved in co-ordinating the workshop.

School	Number of Educators attended
Lenyora la thutho	02
Sejhaba se maketse	03
Atlehang	01
Hodisa Tech	01
Kgorathuto	02
Tsholo	03
Thahameso	01
Tiisetsang	01
Education Department Officials	03
Total	17

Coursework

The training started at 9h30 with the hope that more participants would arrive. To begin the training, teachers shared: the challenges in their schools; their expectations of the workshop; a discussion around these expectations; and the video on the PowerPoint Presentation, which clarified the Nokia Mobile Mathematics project and its technicalities.

All trainees, excluding two who had 'phones that could not access the internet managed to access the Momaths learning content. Trainees were given 30 minutes to explore the content, that is, the exercises explanations and examples. Some trainees found the installation difficult, mostly because they did not understand how to operate their 'phones.

Access to Momaths via Moodle was demonstrated and the available functionalities were demonstrated. The trainees interacted with the application themselves using the demo school. Teachers were reminded of the importance of learners being actively involved. Enrolment keys were also distributed to the teachers.

Statistics

Seventeen teachers had been trained in the Nokia Mobile Mathematics project in this Province out of seventy six (76) teachers trained in the country. These teachers come from eight Eastern Cape participating schools in the project.



Conclusion

Highlights during the training

There were some useful tasks accomplished during training:

- Teachers who attended the training were provided with the school enrolment key
- New teacher accounts were created and they were provided with usernames and passwords to login in to the system during the training
- Teacher contact details were received during the training and updated
- Teachers were encouraged to contact SchoolNet and or District officials to report any problems they may encounter in the project so they can be assisted
- Teachers were encouraged to register new learners in the system and motivate them to use the service
- Teachers were encouraged to give learners take-home activities using Momaths and monitor them the following day
- Teachers were notified about the Momaths Tuesday and encouraged to support the initiative
- Teachers were informed about the Peer Leader Initiative and requested to suggest or confirm Peer Leaders in their schools.

Highlights after the training

Some positive outcomes were:

- Increased numbers of registered learners in the system
 - Slightly increased numbers of active learners from the previous term
 - Increased two way communication in the number of calls received from teachers
- Increased networking through previous teacher-participants sharing what they had learned during the training with educators from other participating schools,

who did not attend the training. It is for that reason that SchoolNet is receiving calls from those teachers, who were referred by these trainees.

3. Competitions

Nokia Mobile Mathematics First Competition

The Competition took place on 22 March 2012 for the Grade 10 and 23 March 2012 for the Grade 11 teachers?/or learners?. There was one category due to the technical problems that learners experienced. In grade 10, the total number of 147 learners attempted and/or completed the quiz with 16 learners attaining 100% and then three learners were randomly selected using the Fruit Machine tool. In grade 11, the total number of 146 learners, who attempted or completed the quiz with 23 learners, who got 100%; and then three learners were randomly selected using the Fruit Machine tool.

Amongst the winners, some came from this Province – Eastern Cape:

Congratulations to the following winners, who each won a cell phone:

Grade	Province	Name of School	Learner name
10	Eastern Cape	Breidbach	Gwarube Chuma
	Eastern Cape	JS Skenjana	Komanisi Bongani
	North West	Itshupeng	Jackson Matswiemang
11	Eastern Cape	JS Skenjana	Makaula Snawo
	North West	Repholositswe	Hlakotsa Dorothy
	North West	President Mangope	Tema Hebert

Nokia Mobile Mathematics Second competition

The Competition was held on 30 May 2012 for Grade 10 and 31 May 2012 for Grade 11 learners.

The categories were as follows:

- Learner with the Highest Score
- Most Active Learner
- The school with the highest % of learners who completed the competition and highest % of active learners in a school for the period of the competition

All the winners came from this Province except one from the North West Province:

GRADE 10:

1. Lihlohonolo Jwili from Repholositswe Secondary, Free Sate
2. Kungawo Mvityo from JS Skenjana, Eastern Cape

3. Mlandeli Magatyana from JS Skenjana, Eastern Cape

Grade 11:

1. Lutando Maqondo from JS Skenjana, Eastern Cape

2. Portia Qhanya from JS Skenjana, Eastern Cape

3. Ayabulela Matsheke from JS Skenjana, Eastern Cape

Winners for **Most Active Learner** Category:

Grade 10: Yeyethu.Z Msweli Cima from JS Skenjana, Eastern Cape

Grade 11: Seitiso Mpofo from Pinagare, North West

The school with the highest percentage of learners who completed the competition + highest percentage of active learners in a school for the period of the competition:

JS SKENJANA, EASTERN CAPE

Congratulations to the Eastern Cape Province for the outstanding performance in all the competitions held thus far.

4. School Comparison

Below are the Eastern Cape Schools Comparison Statistics from last year 2011 up to December and this year – May and July Month

No.	School name	2012		May-12		July-12				
		Number of enrolled learners	Number of the active learners	Number of enrolled learners2	Number of the active learners2	New enrolled May 2012	Number of enrolled learners	Number of the active learners	New enrolled July 2012	Total no. enrolled 2012
1	Badi	48	16	72	5	24	72	6	0	24
2	Bizana	2	2	2	0	0	2	0	0	0
3	Breidbach	68	66	171	45	103	178	55	7	110
4	Butterworth	95	43	100	9	5	136	24	36	41
5	Cibeni	17	8	17	0	0	17	0	0	0
6	Clarkebury	22	13	22	1	0	26	3	4	4
7	Colosa	18	5	54	15	36	74	24	20	56
8	Dalindyebo	122	67	199	23	77	206	29	7	84
9	Ezingcuka	14	9	17	2	3	17	2	0	3
10	George Mqalo	10	9	10	1	0	10	1	0	0
11	Gill College	50	15	50	1	0	50	2	0	0
12	Gobe	157	100	567	148	410	583	165	16	426
13	Hendrik Kanise	24	11	24	1	0	25	1	1	1
14	Hexagon	61	37	244	92	183	249	105	5	188
15	Holy Cross	199	110	332	65	133	358	85	26	159
16	Indwe	52	36	135	22	83	137	32	2	85
17	JS Skenjana	1360	774	1692	217	332	2081	459	389	721
18	KT Mchasa	58	7	58	1	0	58	1	0	0
19	Kusile Compre	180	127	209	15	29	211	19	2	31
20	Kwakomani	328	123	332	7	4	340	17	8	12
21	Lehana	125	81	185	27	60	195	38	10	70
22	Lindelani	18	14	18	1	0	18	1	0	0
23	Little Flower	127	49	133	3	6	134	4	1	7

24	Luzie Drift	22	12	21	1	-1	32	4	11	10
25	Maluti	64	32	73	3	9	77	3	4	13
26	Mangelengele	4	4	5	0	1	5	0	0	1
27	Mgezwa	97	59	105	6	8	106	7	1	9
28	Molly Blackburn	137	108	220	34	83	282	72	62	145
29	Mount Hargreaves	28	16	191	56	163	234	87	43	206
30	Mpondombini	75	50	112	11	37	123	17	11	48
31	Ncedisizwe	4	2	11	6	7	14	7	3	10
32	Ncuncuzo	9	2	13	2	4	14	2	1	5
33	Ndaliso	258	159	332	15	74	333	17	1	75
34	Ngcingwane					0	14	7	14	14
35	Ntsikayezwe	4	2	4	0	0	4	0	0	0
36	Ntsonkotha	40	24	52	10	12	53	12	1	13
37	Port St Johns	79	46	153	26	74	160	32	7	81
38	Richard Varha	155	107	240	33	85	255	50	15	100
39	Sandisiwe	130	87	249	26	119	252	28	3	122
40	Sidinane	114	60	132	8	18	135	10	3	21
41	Siwali	42	19	60	9	18	79	22	19	37
42	Sophakama	32	26	84	41	52	107	57	23	75
43	St James	141	84	148	3	7	164	10	16	23
44	St Johns College	637	381	973	185	336	1000	214	27	363
45	Tholang	138	74	286	46	148	306	60	20	168
46	Tsomo	38	24	48	5	10	50	8	2	12
47	Tutor Ndamase	41	10	43	0	2	44	0	1	3
48	Umtata	49	25	47	0	-2	47	1	0	-2
49	Victoria Girls High	113	42	174	10	61	174	11	0	61
50	Zingisa			96	23	96	178	71	82	178
51	Attwell Madala			86	26	86	97	35	11	97
	Total	5606	3177	8601	1286	2995	9516	1917	915	3910

The statistics above show some improvements in a number of new learners registered compared to both last year 2011 and the previous month, May 2012. The cells highlighted in yellow show the increase in the number of learners registered this year up to May compared to last year; whereas the cells highlighted in green show the increase in the number of new learners up to date compared to May 2012. This is very motivating, although getting learners active in the system is still a challenge.

5. List of 20 most active schools in the Eastern Cape Province

The schools below have been active since January 2012 up to date:

1	Sophakama	53%
2	Ngcingwane	50%
3	Ncedisizwe	50%
4	Hexagon	42%
5	Zingisa	40%
6	Mount Hargreaves	37%
7	Attwell Madala	36%
8	Colosa	32%
9	Breidbach	31%
10	Gobe	28%
11	Siwali	28%
12	Molly Blackburn	26%
13	Holy Cross	24%
14	Indwe	23%
15	Ntsokotha	23%
16	JS Skenjana	22%
17	St John College	21%
18	Tholang	20%
19	Richard Varha	20%
20	Port St Johns	20%

6. List of 20 schools with the highest learners enrolled up to July 2012

No.	Name of School	No. of New Learners Enrolled up to July 2012
1	Js Skenjana	721
2	Gobe	426
3	St John College	363
4	Mt Hargreaves	206
5	Hexagon	188
6	Zingisa	178
7	Tholang	168
8	Holy Cross	159
9	Molly Blackburn	145
10	Sandisiwe	122
11	Breidbach	110
12	Richard Varha	100
13	Attwell Madala	97
14	Indwe	85
15	Dalindyebo	84
16	Port St Johns	81
17	Ndaliso	75
18	Sophakama	75
19	Lehana	70
20	Victoria Girls High	61

7. Conclusion

This is positive feedback for the Eastern Cape Province and it is hoped that the above numbers will continue to improve in the next term, as all stakeholders work together to make the project a success.