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Nokia Mobile Mathematics Project

Free State Province Summary Report - 2012

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1. Participating schools in the North West Province

Free State Province has 56 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 Brebner
- 2 Eunice
- 3 Kroonstad
- 4 Lere-La-Thuto
- 5 Mmathabo
- 6 Ngwathe
- 7 Unitas

Schools below had never registered learners from last year 2012 up to date:

1. Ithabiseng
2. Koali
3. Landboudal
4. Le Reng
5. Lerato uthando
6. Navalsing
7. Nkgopoleng
8. Phofung
9. RT Mokgopa
10. Rantsane
11. Sasolberg

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**.

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 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.

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

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 Mpofu 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 Lihlohonolo Jili from Repholositswe Secondary who represented this Province – Free State.

4. School Comparison

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

No.	School name	2012		May-12		Jun-12			Total no. enrolled 2012	
		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 June 2012
1	Albert Moroka	190	127	264	55	74	278	66	14	88
2	Atlehang	71	45	193	60	122	208	65	15	137
3	Beang Tse Molemo	24	15	33	4	9	33	4	0	9
4	Brebner	30	13	30	0	0	30	0	0	0
5	Dr Cingo	0	0	9	6	9	9	6	0	9
6	Eunice	32	11	32	0	0	32	0	0	0
7	Falesizwe	2	0	4	0	2	5	0	1	3
8	Hodisa	70	41	191	24	121	194	29	3	124
9	Ikanyegeng	33	26	73	15	40	76	17	3	43
10	Ithabiseng	0	0	0	0	0	0	0	0	0
11	Kgolathuto	0	0	18	6	18	20	6	2	20
12	Kgorathutho	68	48	147	44	79	153	51	6	85
13	Kheleng	111	94	161	35	50	161	37	0	50
14	Koali	0	0	0	0	0	0	0	0	0
15	Kroonstad	46	5	46	0	0	46	0	0	0
16	Landboudal	0	0	0	0	0	0	0	0	0
17	Le Reng	0	0	0	0	0	0	0	0	0
18	Lenyora-La-Thutho	403	284	1091	199	688	1127	221	36	724
19	Lerato-Uthando	0	0	0	0	0	0	0	0	0
20	Lere-La-Thuto	6	5	6	0	0	6	1	0	0
21	Leseding	24	13	25	1	1	25	1	0	1

22	Mamellang-Thuto	17	14	18	1	1	18	2	0	1
23	Mampoi	0	0	484	101	484	556	156	72	556
24	Marematlou	1	0	23	4	22	23	4	0	22
25	Mariasdal	16	5	34	5	18	38	7	4	22
26	Meloding	39	26	125	34	86	125	34	0	86
27	Mmathabo	33	17	33	2	0	33	2	0	0
28	Navalsig	0	0	0	0	0	0	0	0	0
29	Ngwathe	25	10	25	1	0	25	1	0	0
30	Nkgopoleng	0	0	0	0	0	0	0	0	0
31	Ntsu	0	0	113	30	113	118	35	5	118
32	Pele-ya-Pele	80	62	85	3	5	86	3	1	6
33	Phephetso	53	26	68	9	15	70	13	2	17
34	Phetogane	50	30	53	8	3	53	8	0	3
35	Phofung	0	0	0	0	0	0	0	0	0
36	R.T. Mokgopa	1	0	1	0	0	1	0	0	0
37	Rantsane	0	0	0	0	0	0	0	0	0
38	Repholositswe	39	30	97	30	58	115	45	18	76
39	Sasolberg	0	0	0	0	0	0	0	0	0
40	Sediba-Thuto	116	76	118	7	2	119	13	1	3
41	Seemahale	174	117	436	52	262	441	55	5	267
42	Sekgutlong	10	5	136	25	126	138	27	2	128
43	Setjhaba Se Maketse	99	72	130	16	31	162	34	32	63
44	St Bernard's	37	19	77	9	40	82	12	5	45
45	Teto	84	55	91	7	7	92	9	1	8
46	Thahameso	0	0	9	2	9	12	4	3	12

47	Thalabodiba	81	54	110	15	29	112	17	2	31
48	The Beacon	148	108	274	56	126	282	67	8	134
49	Thotagauta	53	30	57	1	4	57	2	0	4
50	Tiisetsang	101	67	156	34	55	162	42	6	61
51	Tlhorong	128	22	129	4	1	134	8	5	6
52	Tsebo	24	18	27	6	3	27	7	0	3
53	Tsholo	9	3	39	15	30	42	18	3	33
54	Tsoseletso	95	73	98	10	3	102	13	4	7
55	Unitas	93	71	93	1	0	93	5	0	0
56	Welkom High	95	57	102	2	7	124	13	22	29
	NULL	2811	1794	5564	939	2753	5845	1160	281	3034

The statistics above show some improvements in a number of new learners registered this year 2012 compared to last year 2011. The cells highlighted in yellow show the increase in the number of learners registered this year up to June compared to last year. This is motivating, although getting learners active in the system is still a challenge.

5. List of 20 most active schools in the Free State Province

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

No.	School	%
1	Dr Cingo	67
2	Tsholo	43
3	Repholositswe	39
4	Kgorathutho	33
5	Thahameso	33

6	Atlehang	31
7	Ntsu	30
8	Kgolathutho	30
9	Mampoi	28
10	Meloding	27
11	Tiisetsang	26
12	Tsebo	26
13	Albert Moroka	24
14	The Beacon	24
15	Kheleng	23
16	Ikanyegeng	22
17	Setjhaba Se Maketse	21
18	Lenyora-La-Thutho	20
19	Sekgutlong	20
20	Phephetso	19

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

No.	School	Tot
1	Lenyora-La-Thutho	724
2	Mampoi	556
3	Seemahale	267
4	Atlehang	137
5	The Beacon	134
6	Sekgutlong	128

7	Hodisa	124
8	Ntsu	118
9	Albert Moroka	88
10	Meloding	86
11	Kgorathutho	85
12	Repholositswe	76
13	Setjhaba Se Maketse	63
14	Tiisetsang	61
15	Kheleng	50
16	St Bernard's	45
17	Ikanyegeng	43
18	Tsholo	33
19	Thalabodiba	31
20	Welkom High	29

7. Conclusion

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.