Appendix 1: Example of weekly schedule

Group name: _____

Date	Day	Time in	Time out	Problems	Comments (What could you do? What did you do?)
22/04/2005	Friday				
23/04/2005	Saturday				
24/04/2005	Sunday				
25/04/2005	Monday				
26/04/2005	Tuesday				
27/04/2005	Wednesday				
28/04/2005	Thursday				

Appendix 2: Letter of consent obtained from principal

University of Pretoria
Groenkloof Campus
6 April 2005

Dear Sir/Madam

I am currently doing research for the University of Pretoria on the Digital Doorway installed in Attridgeville.

The purpose of the research is to explore how children learn to use the computer without being taught by a teacher.

At this stage I would like to interview some of your learners on the

following:

1. What he/she knows about a computer.
2. What he/she is able to do on the computer.
3. What he/she knows about the capabilities of a computer.

I can not, however, conduct this interview without your permission. I therefore request your permission to interview; videotape and tape reco my interview with your learner(s).

Please take note that your learner(s):

- Participation is voluntary;
- Identity and everything they share will be treated with the highest respect and confidentiality.

Your learner(s) may ask questions about any uncertainties and may discontinue his/her participation in this project at any stage.

Thank you very much for your willingness to co-operate.

Kind regards

Elize Fürstenburg   Principal

Appendix 3: Letter of consent obtained from the CSIR

Letter of consent from the CSIR

From: "Ronel Smith" <RSMITH2@csir.co.za>
To: <efurstenburg@absamail.co.za>
Subject: Digital Doorway navorsing
Date: 26 November 2004 11:21 AM

Elize,

Ek sal 'n brief op 'n briefhoof vir jou stuur maar moet dit by ons regsdienste verby vat. Ek hoop die e-mail sal doen vir nou.

Ronel

Hiermee bevestig ek dat jy toestemming het om navorsing oor die Digital Doorway projek vir die Universiteit van Pretoria te doen op 'n installasie(s) wat tussen jou en die CSIR ooreengekom sal word. Jy moe asseblief jou proposal vir my stuur ter insae sodat ons ooreenstemming het oor die aard van die navorsing. Jy mag enige materiaal / data wat deur die CSIR aan jou verskaf word vir jou navorsing gebruik, mits die CSIR as bron van die inligting erken word en kopie reg gerespekteer word.

Ronel Smith
Project Manager
CSIR Information Society Technologies Centre
PO Box 395, Pretoria, 0001, South Africa
Tel : +27 12 841-3104
Fax: +27 12 841-4829
Mobile: +27 83 600 4424
--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.
MailScanner thanks transtec Computers for their support

Appendix 4: Letter of consent obtained from participants' parents

University of Pretoria
Groenkloof Campus
7 April 2005

Dear Sir/Madam

I am currently doing research for the University of Pretoria on the Digital Doorway installed in Atteridgeville.

The purpose of the research is to explore how children learn to use the computer without being taught by a teacher.

At this stage I would like to interview some of your learners on the following:

- What he/she knows about a computer.
- What he/she is able to do on the computer.
- What he/she knows about the capabilities of a computer.

I can not, however, conduct this interview without your permission. I therefore request your permission to interview, videotape and tape record my interview with your learner(s).

Please take note that your learner(s):

- Participation is voluntary;
- Identity and everything they share will be treated with the highest respect and confidentiality.

Your learner(s) may ask questions about any uncertainties and may discontinue his/her participation in this project at any stage.

Thank you very much for your willingness to co-operate.

Kind regards

Elize Fürstenburg
Researcher

GAUTENG DEPT. OF EDUCATION
TSHWANE SOUTH D4
BUD-MBELLE PRIMARY SCHOOL
P.O. Box 52 Atteridgeville 0008
Tel/Fax: (012) 373 8654
Date: .... Principal: ....

Principal

University of Pretoria
Groenkloof Campus
7 April 2005

Dear _____

I am currently doing research for the University of Pretoria on the Digital Doorway installed in Atteridgeville by the CSIR.

The purpose of the research is to explore how children learn to use the computer without being taught by a teacher.

At this stage I would like to interview your child on the following:

1. What he/she knows about a computer.
2. What he/she is able to do on the computer.
3. What he/she knows about the capabilities of a computer.

I can not, however, conduct any interviews without your permission. I therefore request your permission to interview; videotape and tape record my interviews with your child (please view dates, times and venues of interviews on the last page).
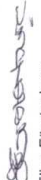
Please take note that your child's:

- Participation is voluntary;
- Identity and everything they share will be treated with the highest respect and confidentiality.

Your child may ask questions about any uncertainties and may discontinue his/her participation in this project at any stage.

Thank you very much for your willingness to co-operate.

Kind regards

Elize Fürstenburg
Researcher

X _____

I, _____, parent of
_____ in Grade _____ hereby give
permission that he/she may participate in the research project.

Signed: _____
Date: _____
Contact number: _____

Please sign and return to principal on Friday 8 April 2005)

Appendix 5: Questions posed during semi-structured interviews

Biographical information						
Name:			Age:		M	F
School:			Grade:			
Family	Father	Mother	Brothers		Sisters	
Occupation						

Questions to be posed			
Question	**Coding**		**Remarks**
Do you know how to use a computer?	Yes		
	No		
Do you know how to use a computer?	Yes		
	No		
Where did you learn how to use a computer?	**Remarks:**		
Do you have a computer at home?	Yes		
	No		
What do you do on your computer at home?	Write letters		
	Send e-mail		
	Paint		
	Use the Internet		
	Other		
What would you like to be able to do with the computer?	Write letters		
	Send e-mail		
	Paint		
	Find jobs / Internet		
Do you think you will be able to teach yourself how to use the computer supplied to your community by the CSIR?	Yes		
	No		
What do you think one is capable of doing with a computer?	**Remarks:**		

Appendix 6: Completed schedule for week 1 (girls)

Group name: _Destiny is child_

Date	Day	Time in	Time out	Problems	Comments (What could you do? What did you do?)
07/04/2005	Thursday	15 : 08	15 : 30	The computers jam and we can't get a chance to a computer	
08/04/2005	Friday				
09/04/2005	Saturday				
10/04/2005	Sunday				
11/04/2005	Monday				
12/04/2005	Tuesday				
13/04/2005	Wednesday				

Appendix 7: Completed schedule for week 2 (girls)

Group name: __Destiny's Child__

Date	Day	Time in	Time out	Problems	Comments (What could you do? What did you do?)
15/04/2005	Friday	14:35	15:10	Still it does not work and the enter button does not work	We tried getting into Programs but there were no Programs.
16/04/2005	Saturday				
17/04/2005	Sunday				
18/04/2005	Monday	15:35	16:00	The computers were jaming & No Progromes	We were Printinting and learning Geometry
19/04/2005	Tuesday	16:40	16:50	The computer was jaming & No progromes again	We couldn't do anything
20/04/2005	Wednesday				
21/04/2005	Thursday				

Appendix 8: Notification of change in schedule

University of Pretoria
Groenkloof Campus
Pretoria
0027

21 April 2005

Dear *Mrs Mahlangu*

The different meetings I have had with the children participating in the research project have been so insightful and rewarding and I think both me and the children have thoroughly enjoyed the sessions.

Unfortunately I had to reschedule my meeting with the children for next Thursday, 28 April 2005. I have now arranged with Mrs Ruth that I will see them at school on Friday, 29 April 2005. I will have a discussion with the girls from 12:30 to 13:00 and with the boys from 13:00 to 13:30.

Please feel free to contact me should you have any enquiries.

Thank you for your co-operation in this regards.

Kind regards

Elize Fürstenburg
Cell: 082 895 2965

Appendix 9: Status of Digital Doorway in Atteridgeville

Page 1 of 1

Elize Fürstenburg

From: "Ronel Smith" <ronel.smith@mikom.csir.co.za>
To: "Elize Fürstenburg" <efurstenburg@absamail.co.za>
Sent: 22 April 2005 06:31 PM
Subject: Re: Digital Doorway

Elize,

die Digital Doorway is operasioneel.

Ronel

> ----- Original Message -----
> **From:** Elize Fürstenburg
> **To:** Ronel Smith
> **Sent:** Friday, April 22, 2005 6:02 AM
> **Subject:** Re: Digital Doorway
>
> Ronel
>
> Ek het vergeet om gister vir jou te sê, maar volgens die kinders werk die "enter" sleutel nie meer op die sleutelborde nie! Ek kon dit egter nie self toets nie, aangesien die rekenaars af was.
>
> Lekker naweek.
>
> Elize

Appendix 10: Completed schedule for week 3 (girls)

Group name: Destiny's Child

Date	Day	Time in	Time out	Problems	Comments (What could you do? What did you do?)
22/04/2005	Friday	18:20	18:23	The computers were all jammed at all	we did not do nothing
23/04/2005	Saturday	14:00	14:04	I was alone I could not do anything.	Nothing
24/04/2005	Sunday	15:30	16:14	I was also alone I could not do any thing	Nothing
25/04/2005	Monday	14:20	14:30	The enterweb opened you working	Nothing
26/04/2005	Tuesday	02:30	02:51	They were not working, all of the but.	Nothing
27/04/2005	Wednesday			HOLIDAY	Nothing
28/04/2005	Thursday				

Appendix 11: Notification of change in schedule

University of Pretoria
Groenkloof Campus
Pretoria
0027

29 April 2005

Dear *Mr and Mrs Skhosana*

The interviews conducted with the children at the school, proved to be more convenient for the children opposed to the meetings held at the community library. I have therefore decided, after receiving consent from the principal, that we will be having our last meeting on Friday, 6 May 2005, at the school. I will once again meet the girls from 12:30 tot 13:00 and the boys from 13:00 to 13:30.

Thank you once again for your patience and co-operation throughout this research project. I really do appreciate it.
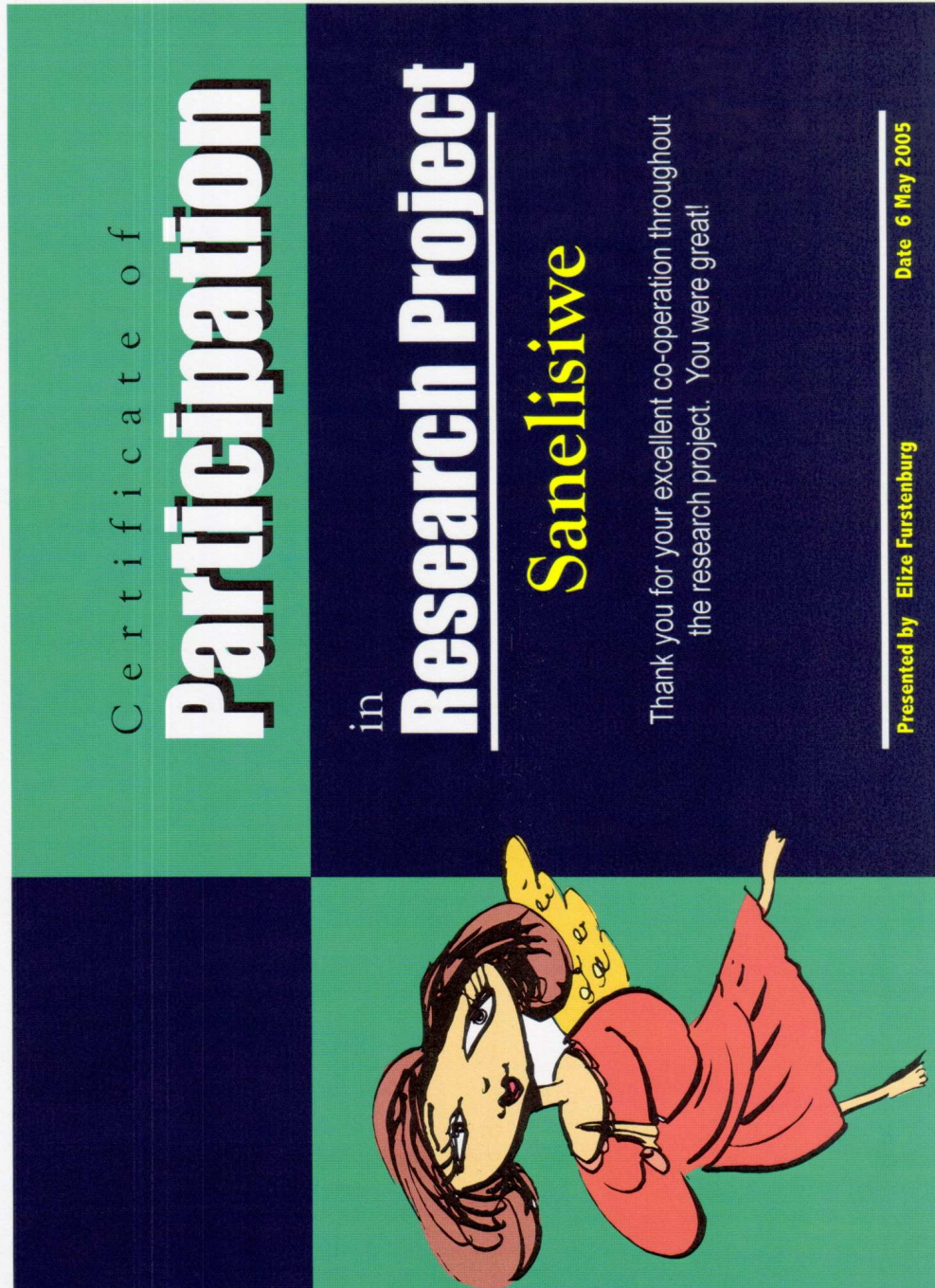
Kind regards

Elize Fürstenburg

Cell: 082 895 2965

Appendix 12: Completed schedule for week 4 (girls)

Group name: Destiny's Child Group

Date	Day	Time in	Time out	Problems	Comments (What could you do? What did you do?)
29/04/2005	Friday	13:00	13:30	the enter was not working in al the conputers	Nothing
30/04/2005	Saturday	12:00	13:00	they were all gerned	Nothing
01/05/2005	Sunday			we didint go all of the destinys chilrs	Nothing
02/05/2005	Monday	15:45	15:50	here I could talk by my self	Nothing
03/05/2005	Tuesday	16:05	16:18	The computers were not working	Nothing
04/05/2005	Wednesday	15:45	18:50	The computers were switched of but they tried to switch it on but it refused.	Nothing
05/05/2005	Thursday	15:5	15:51	we all got there but it was full we could not know what is happening	

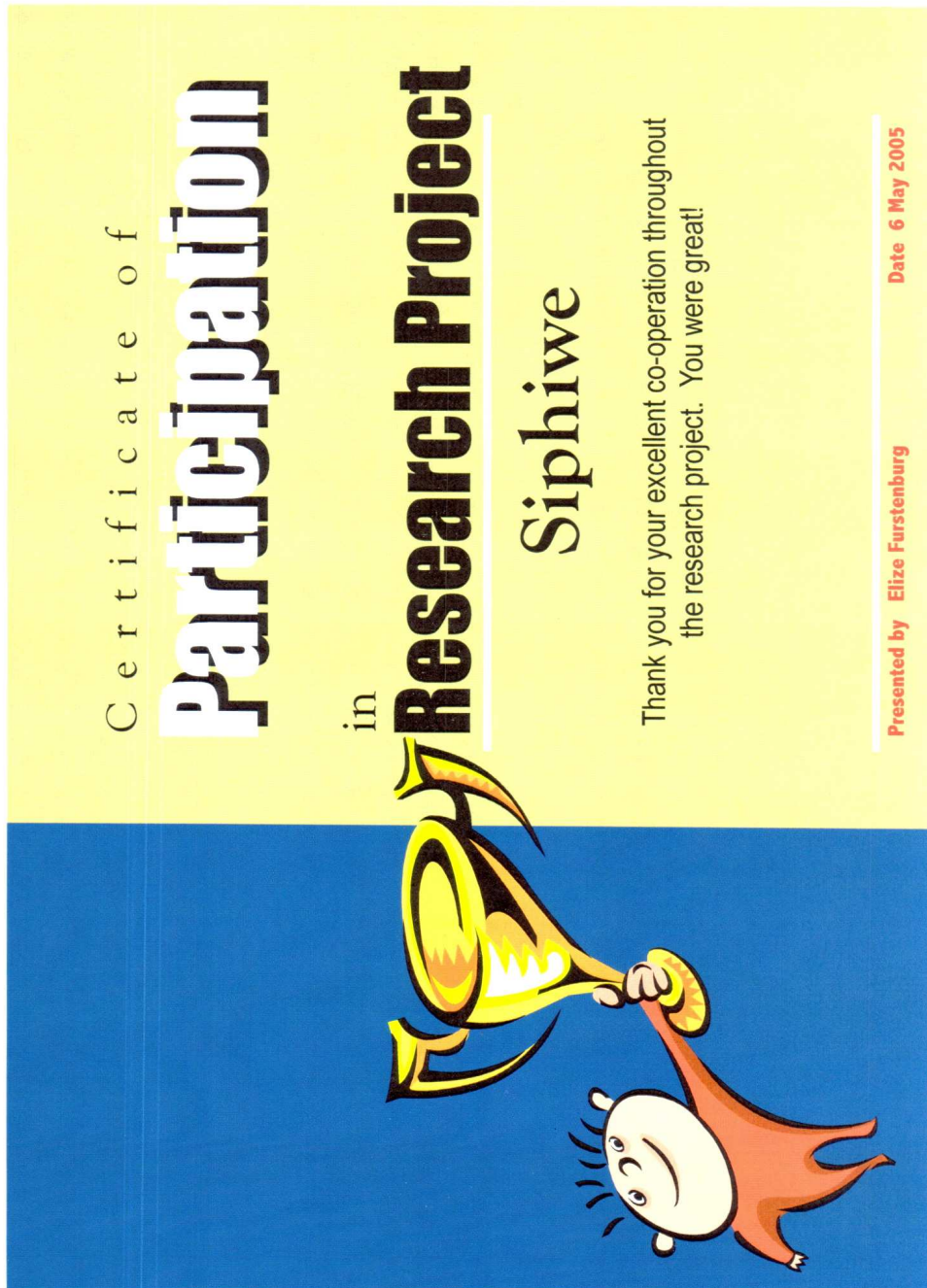## Appendix 13: Certificate of participation awarded to girls

Appendix 14: Completed schedule for week 4 (boys)

Group name: _____

Date	Day	Time in	Time out	Problems	Comments (What could you do? What did you do?)
29/04/2005	Friday	15:30	16:00	no	games and Drawing
30/04/2005	Saturday				
01/05/2005	Sunday			mistake no pointers	
02/05/2005	Monday	15:00	15:30	no pinters	teaching How to type
03/05/2005	Tuesday	14:30	15:00	no	Played games oly
04/05/2005	Wednesday				
05/05/2005	Thursday	15:00	14:00	I need	no

Appendix 15: Certificate of participation awarded to boys

Certificate of

Participation

in

Research Project

Siphiwe

Thank you for your excellent co-operation throughout the research project. You were great!

Presented by Elize Furstenburg

Date 6 May 2005

Appendix 16: Population of Atteridgeville

Atteridgeville: 9 Wards	
Ward 03	8,652
Ward 07	13,638
Ward 51	20,143
Ward 55	25,424
Ward 62	21,209
Ward 63	13,764
Ward 68	21,277
Ward 71	16,946
Ward 72	23,927
Total	**164,980**

Mamelodi: 8 Wards	
Ward 06	22,607
Ward 10	37,479
Ward 15	22,884
Ward 16	20,320
Ward 17	46,965
Ward 18	31,924
Ward 23	25,415
Ward 28	31,516
Ward 38	5,787
Ward 67	21,677
Total	**266,574**

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