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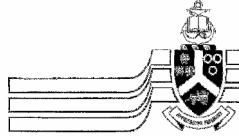
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Wraga, W. & Hlebowitsh, P. 2003. Toward a renaissance in curriculum theory and development in the USA, *Journal of Curriculum Studies*, 35(4): 425 – 437.



UNIVERSITY OF PRETORIA
FACULTY OF EDUCATION
RESEARCH ETHICS COMMITTEE

CLEARANCE CERTIFICATE

DEGREE AND PROJECT

INVESTIGATOR(S)

DEPARTMENT

DATE CONSIDERED

DECISION OF THE COMMITTEE

CLEARANCE NUMBER :

CS09/06/02

PhD: Cur. & Instruct. Design & Dev.

Educational perspectives on learner awareness of hazards and disasters

Simon Takalani Rambau

Department of Education and Management Studies

19 August 2010

APPROVED

Please note:

For Masters applications, ethical clearance is valid for 2 years

For PhD applications, ethical clearance is valid for 3 years.

CHAIRPERSON OF ETHICS COMMITTEE Prof L Ebersohn

DATE

19 August 2010

CC

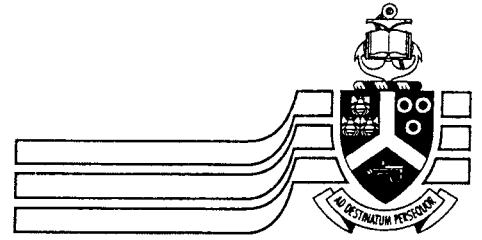
Dr L.D Beukes

Ms Jeannie Beukes

This ethical clearance certificate is issued subject to the following conditions:

1. A signed personal declaration of responsibility
2. If the research question changes significantly so as to alter the nature of the study, a new application for ethical clearance must be submitted
3. It remains the students' responsibility to ensure that all the necessary forms for informed consent are kept for future queries.

Please quote the clearance number in all enquiries.



University of Pretoria

Pretoria 0002 Republic of South Africa Tel (012) 420-56354111
Fax (012) 420- 5594 <http://www.up.ac.za>

ANNEXTURE B

Consent form to participate in the study to determine how education contribute to learners' awareness of hazards and disasters

I _____ hereby give consent to Mr ST Rambau for my participation in the study titled "The educational perspective on the learners' awareness of hazards and disasters" through interviews. I duly confirm that Mr Rambau explained to me the purpose of his research and informed me of my rights to withdraw from the interview if I wish to do so. He has assured me that my confidentiality will be guaranteed and will in no way disclose my name in the final report. I however agree to provide my contact details for verification process that this interview occurred. I therefore give my consent voluntarily and confirm that I was not coerced nor tricked to participate in this study.

Respondent Name _____

Occupation: _____

Contact Details: _____

Respondents Signature _____ Date _____

Interview Guidelines for Curriculum Specialists

1. What types of hazards and disasters are prevalent in South Africa
2. Should hazards and disasters education be integrated in the national curriculum?
3. At what stage/grade should learners be taught about hazards and disasters?
4. How could the need for learners' hazards and disasters awareness be addressed in the classroom?
5. To what extent would indigenous knowledge assist in developing learner awareness for hazards and disasters?
6. To what extent would integrated learning programme (different learning areas educator's team together) assist in raising learner awareness of hazards and disasters?
7. In your own view, what needs to be done to ensure that learners are aware of disasters prevalent in their area and know how to respond during the outbreak?

Interview Guidelines for Disaster Lectures

1. What types of hazards and disasters are prevalent in South Africa
2. Should hazards and disasters education be integrated in the national curriculum?
3. At what stage/grade should learners be taught about hazards and disasters?
4. How could the need for learners' hazards and disasters awareness be addressed in the classroom?
5. To what extent would indigenous knowledge assist in developing learner awareness for hazards and disasters?
6. To what extent would integrated learning programme (different learning areas educator's team together) assist in raising learner awareness of hazards and disasters?
7. In your own view, what needs to be done to ensure that learners are aware of disasters prevalent in their area and know how to respond during the outbreak?

Interview Guidelines for Disaster Management Specialists

1. What types of disasters are prevalent in South Africa
2. How is your department involved in raising disaster awareness to learners?
3. At what level or grade should the South African National Curriculum address the need for learner awareness of hazards and disaster?
4. How could the need for learners' hazards and disasters awareness be addressed in the classroom?
5. To what extent would indigenous knowledge assist in developing learner awareness for hazards and disasters?
6. To what extent would integrated learning programme assist in raising learner awareness of hazards and disasters?
7. In your own view, what needs to be done to ensure that learners are aware of disasters prevalent in their area and know how to respond during the outbreak?

Educational perspective on learner awareness of hazards and disasters

Please complete the following questionnaire by ticking on the yes or no boxes provided after each question. If you need to provide additional information to any of the questions below please use the extra spaces provided at the end of the page. The demographic data is needed for statistical purposes.

What is the name of your school? _____

In which province is your school situated? _____

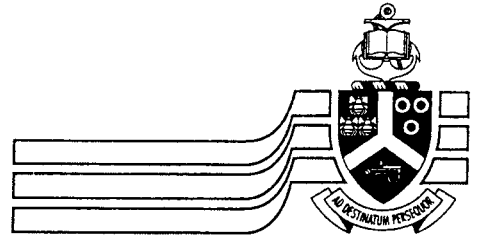
How many years have you been teaching _____

What teaching qualification do you have? _____

What is your gender _____

1. In your own view, is your area likely to be affected by natural and man-made disasters?	YES	NO
2. Should hazards and disasters be included in the National Curriculum Statements learning outcomes?	YES	NO
3. Is it necessary for learners to be taught about hazards and disasters in your school?	YES	NO
4. Have you ever included natural and man-made hazards and disasters in your learning area when you teach learners?	YES	NO
5. Have you given your learners an opportunity to observe a real-life or visual representation of hazards or disaster event?	YES	NO
6. Have you ever included any indigenous knowledge information on hazards and disasters in your teaching?	YES	NO
7. Have you ever taught learners how to identify potential hazards in their environment?	YES	NO
8. Have you ever teamed up with other educators to develop a learning programme for hazards and disasters?	YES	NO
9. Have you ever checked whether learners do discuss what they learned about hazards and disasters with their families?	YES	NO
10. Have you ever taught your learners how to respond when faced with disastrous events?	YES	NO

Additional Comments



University of Pretoria

Pretoria 0002 Republic of South Africa Tel (012) 420-56354111
Fax (012) 420- 5594 <http://www.up.ac.za>

Consent Form

I _____ hereby give consent to Mr ST Rambau for my participation in the study titled “The educational perspective on the learners’ awareness of hazards and disasters through completing the attached questionnaire. I duly confirm that Mr Rambau explained to me the purpose of the research and duly informed me of my rights and guaranteed my confidentiality in the final report. I thereby give consent voluntarily and confirm that I was not coerced nor tricked to participate.

Respondents signature

Date




 UNIVERSITEIT VAN PRETORIA
 UNIVERSITY OF PRETORIA
 YUNIBESITHI YA PRETORIA
 PROVINCE OF KWAZULU-NATALI
 ISIFUNDAZWE SAKWAZULU-NATALI

DEPARTMENT OF EDUCATION
 UMNYANGO WEMFUNDO

Tel: 033 341 8610
 Fax: 033 341 8612
 Private Bag X9137
 Pietermaritzburg
 3200

228 Pietermaritz Street
 PIETERMARITZBURG

INHLOKHOVISI

PIETERMARITZBURG

HEAD OFFICE

Imbuzo:
 Enquiries: Sibusiso Alwar

Reference:
 Inkomba: 0030/2009

Date:
 Usuku: 13 May 2009

MR T S RAMBAU
P O BOX 2005
HAMMANSKRAAL
0400

RESEARCH PROPOSAL: EDUCATIONAL PERSPECTIVE ON THE TEACHING OF HAZARDS AND DISASTERS TO LEARNERS

Your application to conduct the above-mentioned research in schools in the attached list has been approved subject to the following conditions:

1. Principals, educators and learners are under no obligation to assist you in your investigation.
2. Principals, educators, learners and schools should not be identifiable in any way from the results of the investigation.
3. You make all the arrangements concerning your investigation.
4. Educator programmes are not to be interrupted.
5. The investigation is to be conducted from 13 May 2009 to 13 May 2010.
6. Should you wish to extend the period of your survey at the school(s) please contact Mr Sibusiso Alwar at the contact numbers above.
7. A photocopy of this letter is submitted to the principal of the school where the intended research is to be conducted.
8. Your research will be limited to the schools submitted.
9. A brief summary of the content, findings and recommendations is provided to the Director: Resource Planning.



10. The Department receives a copy of the completed report/dissertation/thesis addressed to

The Director: Resource Planning
Private Bag X9137
Pietermaritzburg
3200

We wish you success in your research.

Kind regards

A handwritten signature in black ink, appearing to be 'R. Cassius Lubisi'.

R. Cassius Lubisi (PhD)
Superintendent-General




 UNIVERSITEIT VAN PRETORIA
 UNIVERSITY OF PRETORIA
 YUNIBESITHI YA PRETORIA
PROVINCE OF KWAZULU-NATALI
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UMNYANGO WEMFUNDO

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228 Pietermaritz Street
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INHLOKHOVISI

PIETERMARITZBURG

HEAD OFFICE

Imibuzo:
 Enquiries: Sibusiso Alwar

Reference:
 Inkomba: 0030/2009

Date:
 Usuku: 13 May 2009

MR T S RAMBAU
P O BOX 2005
HAMMANSKRAAL
0400

PERMISSION TO INTERVIEW LEARNERS AND EDUCATORS

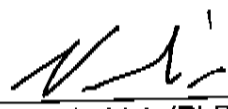
The above matter refers.

Permission is hereby granted to interview Departmental Officials, learners and educators in selected schools of the Province of KwaZulu-Natal subject to the following conditions:

1. You make all the arrangements concerning your interviews.
2. Educators' programmes are not interrupted.
3. Interviews are not conducted during the time of writing examinations in schools.
4. Learners, educators and schools are not identifiable in any way from the results of the interviews.
5. Your interviews are limited only to targeted schools.
6. A brief summary of the interview content, findings and recommendations is provided to my office.
7. A copy of this letter is submitted to District Managers and principals of schools where the intended interviews are to be conducted.

The KZN Department of education fully supports your commitment to research: **Educational perspective on the teaching of hazards and disasters to learners**
 It is hoped that you will find the above in order.

Best Wishes



 R Cassius Lubisi, (PhD)
 Superintendent-General




 UNIVERSITEIT VAN PRETORIA
 UNIVERSITY OF PRETORIA
 YUNIBESITHI YA PRETORIA
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DEPARTMENT OF EDUCATION
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3200

228 Pietermaritz Street
PIETERMARITZBURG

INHLOKHOVISI

PIETERMARITZBURG

HEAD OFFICE

Imibuzo:
Enquiries: Sibusiso Alwar

Reference:
Inkomba: 0030/2009

Date:
Usuku: 13 May 2009

MR T S RAMBAU
P O BOX 2005
HAMMANSKRAAL
0400

LIST OF SCHOOLS

1. Amagcino P
2. Mboko S.P
3. Mbuyazi P
4. Phuphuma J.P
5. Sibukeyana P
6. Emafezini J.P
7. Inkonkoni S.P
8. Isiphingo S.P
9. Isiphingo Hills P.
10. Isiphingo P.
11. Muzomuhle P..
12. Thabela P.
13. Thokozani P.
14. Umlazi J.P
15. Amanzimtoti P
16. Danganya J.P
17. Dlambula P.
18. KwaGumbi P.
19. Magabeni J.P
20. Mthombeni P.
21. Ophatheni P
22. Sheshisa S.P
23. Sidiya J.P
24. Umgababa P
25. Duze P
26. Ekudeyeni S.P
27. Emadundube P.
28. Empumelelweni P.
29. Empusheni P.
30. Engonyameni



Enquiries: Nomvula Ubisi (011)3550488

Date:	23 March 2009
Name of Researcher:	Rambau Simon
Address of Researcher:	4013 Silicon Street
	Clayville Ext 34
	Olifantsfontein 1666
Telephone Number:	0128436486/0795158913
Fax Number:	0866810230
Research Topic:	Educational Perspective on Learner Awareness of Hazards and Disasters
Number and type of schools:	30 Primary Schools
District/s/HO	Johannesburg East, Tshwane North and South and Ekurhuleni East

Re: Approval in Respect of Request to Conduct Research

This letter serves to indicate that approval is hereby granted to the above-mentioned researcher to proceed with research in respect of the study indicated above. The onus rests with the researcher to negotiate appropriate and relevant time schedules with the school/s and/or offices involved to conduct the research. A separate copy of this letter must be presented to both the School (both Principal and SGB) and the District/Head Office Senior Manager confirming that permission has been granted for the research to be conducted.

Permission has been granted to proceed with the above study subject to the conditions listed below being met, and may be withdrawn should any of these conditions be flouted:

- 1. The District/Head Office Senior Manager/s concerned must be presented with a copy of this letter that would indicate that the said researcher/s has/have been granted permission from the Gauteng Department of Education to conduct the research study.***
- 2. The District/Head Office Senior Manager/s must be approached separately, and in writing, for permission to involve District/Head Office Officials in the project.***
- 3. A copy of this letter must be forwarded to the school principal and the chairperson of the School Governing Body (SGB) that would indicate that the researcher/s have been granted permission from the Gauteng Department of Education to conduct the research study.***



4. ***A letter / document that outlines the purpose of the research and the anticipated outcomes of such research must be made available to the principals, SGBs and District/Head Office Senior Managers of the schools and districts/offices concerned, respectively.***
5. ***The Researcher will make every effort obtain the goodwill and co-operation of all the GDE officials, principals, and chairpersons of the SGBs, teachers and learners involved. Persons who offer their co-operation will not receive additional remuneration from the Department while those that opt not to participate will not be penalised in any way.***
6. ***Research may only be conducted after school hours so that the normal school programme is not interrupted. The Principal (if at a school) and/or Director (if at a district/head office) must be consulted about an appropriate time when the researcher/s may carry out their research at the sites that they manage.***
7. ***Research may only commence from the second week of February and must be concluded before the beginning of the last quarter of the academic year.***
8. ***Items 6 and 7 will not apply to any research effort being undertaken on behalf of the GDE. Such research will have been commissioned and be paid for by the Gauteng Department of Education.***
9. ***It is the researcher's responsibility to obtain written parental consent of all learners that are expected to participate in the study.***
10. ***The researcher is responsible for supplying and utilising his/her own research resources, such as stationery, photocopies, transport, faxes and telephones and should not depend on the goodwill of the institutions and/or the offices visited for supplying such resources.***
11. ***The names of the GDE officials, schools, principals, parents, teachers and learners that participate in the study may not appear in the research report without the written consent of each of these individuals and/or organisations.***
12. ***On completion of the study the researcher must supply the Director: Knowledge Management & Research with one Hard Cover bound and one Ring bound copy of the final, approved research report. The researcher would also provide the said manager with an electronic copy of the research abstract/summary and/or annotation.***
13. ***The researcher may be expected to provide short presentations on the purpose, findings and recommendations of his/her research to both GDE officials and the schools concerned.***
14. ***Should the researcher have been involved with research at a school and/or a district/head office level, the Director concerned must also be supplied with a brief summary of the purpose, findings and recommendations of the research study.***

The Gauteng Department of Education wishes you well in this important undertaking and looks forward to examining the findings of your research study.

Kind regards

Pp Nomvula Ubisi
CHIEF DIRECTOR: INFORMATION & KNOWLEDGE MANAGEMENT

The contents of this letter has been read and understood by the researcher.

Signature of Researcher:

Date:



Navrae
Enquiries **Dr RS Cornelissen**
IMibuzo

Telefoon
Telephone **(021) 467-2286**
IFoni

Faks
Fax **(021) 425-7445**
IFeksi

Verwysing
Reference **20090305-0025**
ISalathiso



Wes-Kaap Onderwysdepartement

Western Cape Education Department

ISEBE leMfundo leNtshona Koloni

Mrs Simon Rambau
4013 Silicon Street
CLAYVILLE
1666

Dear Mr S. Rambau

RESEARCH PROPOSAL: EDUCATIONAL PERSPECTIVES ON THE TEACHING OF HAZARDS AND DISASTERS TO LEARNERS.

Your application to conduct the above-mentioned research in schools in the Western Cape has been approved subject to the following conditions:

1. Principals, educators and learners are under no obligation to assist you in your investigation.
2. Principals, educators, learners and schools should not be identifiable in any way from the results of the investigation.
3. You make all the arrangements concerning your investigation.
4. Educators' programmes are not to be interrupted.
5. The Study is to be conducted from **15th April 2009 to 30th June 2009.**
6. No research can be conducted during the fourth term as schools are preparing and finalizing syllabi for examinations (October to December).
7. Should you wish to extend the period of your survey, please contact Dr R. Cornelissen at the contact numbers above quoting the reference number.
8. A photocopy of this letter is submitted to the principal where the intended research is to be conducted.
9. Your research will be limited to the list of schools as forwarded to the Western Cape Education Department.
10. A brief summary of the content, findings and recommendations is provided to the Director: Research Services.
11. The Department receives a copy of the completed report/dissertation/thesis addressed to:

**The Director: Research Services
Western Cape Education Department
Private Bag X9114
CAPE TOWN
8000**

We wish you success in your research.

Kind regards.

Signed: Ronald S. Cornelissen
for: **HEAD: EDUCATION**
DATE: 10th March 2009

PO Box 2005
Hammanskraal
0400
04 February 2008

The Superintendent-General
The Provincial Department of Education
North-West Province
Private Bag X2044
MMabatho, 2735

Dear Mr Mweli

Request to Conduct Research at the South African Schools located in all nine provinces

I am a registered PhD student at the University of Pretoria within the Department of Curriculum Studies. I am about to embark on a data collection process as part of my PhD research requirements and therefore request permission to collect data from educators in your province.

The research requires that I gather data from 30 grade 7 social science educators in each province through a questionnaire. The questionnaire would probe educators to provide information on whether they are aware of specific disasters in their province, how do they integrate the locally specific disasters in their teaching and learning and what needs to be done to make things easier for them to improve their teaching of hazards and disasters.

The data collected would be beneficial to South Africa mainly curriculum developers, policy makers and educators professional development because the data would be providing answers to the concerns raised by researchers with regard to increased disasters related to climate change and mushrooming of informal settlements.

It would be appreciated if you could sign the attached form as a prove that you have granted me permission to conduct the research as explained above. I have attached my research abstract and questionnaires for your perusal.

Thank You

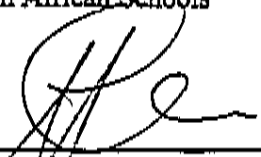
Takalani S. Rambau
Tel : 012 843 6486
Mobile: 079 515 8913
Fax: 0866810230
takalani@assaf.org.za

To be completed by the Education Department Officials

Permission granted

YES	NO
-----	----

As a duly authorized official I grant permission to Mr Takalani S. Rambau to conduct research at South African Schools

Signature  Date _____

Name H-M-A-Museli

Position HOB

Contact Details 08 3874425





UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA



Province of the Eastern Cape
DEPARTMENT OF EDUCATION
ISEBE LEZEMFUNDO
DEPARTMENT VAN ONDERWYS
STRATEGIC PLANNING POLICY RESEARCH AND SECRETARIALSERVICES
DIRECTORATE

Private Bag X 0032, Bisho 5806, South Africa

Enquiries: GF Mac Master Tel :040-608 4001/773 *Fax 040-6084574 Date: 23 February 2009

Attention : Mr TS Rambau

By Fax : 086 681 023 0
3 pages (including cover page)

Please find herewith attached document (Request to conduct research) for your information.

Have a wonderful day!

Regards

A handwritten signature in black ink, appearing to be 'B.F. Makapela'.

B.F. Makapela
Act. Secretary: CD. Srat. Man. Mon. & Evaluation



Steve Vukile Tshwete Education Complex * Zone 6* Zwelitsha * Private Bag X0032 * Bheiso * 5605 * REPUBLIC OF SOUTH AFRICA* Tel:+2740-8084537/4773* Fax:+27406084574*
 Cell 083 387 172 3* Website: ecprov.gov.za * Email: rchlgume@yahoo.com richard.chlgume@edu.ecprov.gov.za

06 February 2009

Mr. TS Rambau
 P.O. Box 2006
 Hammanskraal
 0400

Dear Mr Rambau

REQUEST TO CONDUCT RESEARCH AT THE SOUTH AFRICAN SCHOOLS LOCATED IN ALL NINE PROVINCES.

1. Thank you for your correspondence received about the above-mentioned subject.
2. Your application to conduct the above mentioned research in the Eastern Cape Secondary Schools is hereby approved on condition that:
 - a. there will be no financial implications for the Department;
 - b. institutions and respondents must not be identifiable in any way from the results of the investigation;
 - c. you present a copy of the written approval of the Eastern Cape Department of Education (ECDoE) to the District Directors before any research is undertaken at any Institutions within that particular district;
 - d. you will make all the arrangements concerning your research;
 - e. the research may not be conducted during official contact time, as educators' programmes should not be interrupted;
 - f. should you wish to extend the period of research after approval has been granted, an application to do this must be directed to the Director: Strategic Planning Policy Research and Secretarial Services;
 - g. the research may not be conducted during the fourth school term, except in cases where the ECDoE deems it necessary to undertake research at schools during that period. Such a request will have to be evaluated and determined by the Chief Director: Strategic Management Monitoring and Evaluation;
 - h. your research will be limited to those schools or Institutions for which approval has been granted;





1. a copy of the completed report, dissertation or thesis, accompanied by a separate synopsis (maximum 2 – 3 typed pages) of the most important findings and recommendations if it does not already contain a synopsis, must be provided to the Director: The Strategic Planning Policy Research and Secretarial Services upon completion of your research.
3. The Department wishes you well in your undertaking. You are most welcome to contact Mr. Richard Chigume on the above numbers should you need any assistance.

Mr. ML Ngongo
ACTING HEAD OF DEPARTMENT

