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APPENDICES

ANNEXURE A: LETTER REQUESTING PERMISSION FOR CONDUCTING RESEARCH



Central University of
Technology, Free State
tselaneledimo@gmail.com
Tselane Ledimo
2188 Airport Street
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21 July 2023

Department of Basic Education
Old Woolworths Building
WELKOM
9460

RE: Permission to conduct research

I am a registered student at the Central University of Technology and wish to conduct research at a school/s within the Lejweleputswa District that produces average results in the subject of Economic and Management Sciences, my study is entitled:

Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

The research will be conducted according to all stipulated ethics of research. The School Management Team and the District Director will be informed continuously with the developments of the research.

Yours sincerely,



ANNEXURE B: REQUEST TO TEACHERS TO PARTICIPATE IN A FACE-TO-FACE INTERVIEW

You are requested to participate in a research study conducted by Tselane Ledimo, who is currently studying towards MED at Central University of Technology, Free State. The results of the study will be contributed towards the completion of the Dissertation. You were selected as a possible participant in this study because you are the teacher at the identified school.

1. PURPOSE OF THE STUDY

The purpose of the research study is to potentially contribute to the field of knowledge and extension of conceptual understanding regarding the following key factors:

- Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

2. PROCEDURES

Participate in a face-to-face interview which will take approximately 30 minutes of your time to be completed. The interviewer will have a set of question that would have been prepared in advance and the interviewer will ask the interviewee to answer the questions. Adequate time will be given for participants to answer the questions that would be asked, as the interviewer would be taking notes of the interviewees' responses.

3. POTENTIAL RISKS AND DISCOMFORTS

Foreseeable risks include:

The methodology of the study involves Face-to-face or telephone interviews prepared in conjunction with the university in the process of undertaking the project. At the end of the project, the institution will be informed that they are at all liberty to treat the reports as confidential or make them available to the public. Hence, permission will be sought from participating institution to enable the researcher to have access to these reports. There will therefore be no personal risk or discomfort whatsoever to individual participants in this study.

4. POTENTIAL BENEFITS TO SUBJECTS AND/OR TO SOCIETY

The information shared in the face-to-face or telephone interviews will potentially enhance participants' understanding of and growth in the education segment. The broader society, learners, teachers and the district will potentially benefit from the findings of the study that could deal with the pedagogical content knowledge of Teachers in the EMS field.

5. PAYMENT FOR PARTICIPATION

Participants will not receive any remuneration for participation in the study.

6. CONFIDENTIALITY

Any information that is obtained in connection with this study and that can be identified with any participants will remain confidential and will be disclosed only with personal permission or as required by law. Confidentiality will be maintained by means of categorizing participants and school alpha-numerical, lock audio digital-recordings and notes of the face-to-face or telephonic interviews, focus-group interviews safe at my house. The researcher will be the only person with access to the safe. The transcription, recordings and notes will be destroyed six months after the researcher completed the research study or as soon as required by the University.

7. PARTICIPATION AND WITHDRAWAL

You can choose whether to be in study or not. If you volunteer to be in this study, you may withdraw at any time without consequences of any kinds. You may also refuse to answer any questions you don't want to answer and still remain in the study. The investigator may withdraw you from this research if circumstances arise which warrant doing so. If the participants cease to be in the employment of the school, the investigator will terminate the participant's involvement in the study.

8. DECLARATION

I declare that I explained the information given in this document to _____ . He/she was encouraged and given ample time to ask me questions pertaining to the study. This was conducted in English.

Bh

ANNEXURE C: PRINCIPALS CONSENT TO ALLOW THE RESEARCHER TO CONDUCT RESEARCH AT THE SCHOOL

TO WHOM IT MAY CONCERN

Date : _____

Consent to allow the researcher to conduct the research at the school entitled:

Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

This letter serves to confirm that I, _____ (Name and Surname) the Principal of _____, allow Tselane Ledimo to conduct research at the school provided that the research will not interfere with effective teaching and learning, and it will be carried out after school.

Yours faithfully

Date: 18/04/2024

Principal Signature



Date: 18/04/2024

Researcher Signature

208043047

ANNEXURE D: TEACHER'S CONSENT TO PARTICIPATE IN A FOCUS-GROUP INTERVIEW

TO WHOM IT MAY CONCERN

Persal Number : _____

Date : _____

Consent to participate in research entitled:

Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

This letter serves to confirm that I, _____ have voluntarily agreed to participate in a face-to-face or telephonic interview for the above-mentioned study. I made a choice to voluntarily participate after being informed about the data collection procedure and all the possible implications of my involvement in the study. I have also been informed of my right to withdraw from the study any time I feel I can no longer continue for any reason (or whatsoever the case it may be) and such a decision will not have negative outcomes on me.

Yours faithfully

Date:

Teacher Signature



Date: 19/04/2024

Researcher Signature

(208043047)

ANNEXURE E: PARENT'S CONSENT TO ALLOW THE LEARNER TO PARTICIPATE IN THE STUDY QUESTIONNAIRE

TO WHOM IT MAY CONCERN

Date : _____

Consent to allow the learner to participate in a study questionnaire entitled:

Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

This letter serves to confirm that I, _____ (Name and Surname) have voluntarily permitted my child to participate in a face-to-face or telephonic interview for the above-mentioned study. I have made a choice to allow my child to participate after being informed about the data collection procedure and all the possible implications of my child's involvement in the study. I have also been informed of my right to withdraw my child from the study at any time I feel I can no longer allow my child to continue for any reason (or whatsoever the case it may be) and such a decision will not have negative outcomes for my child.

Yours faithfully

Date:

Parent Signature



Date: 18/04/2024

Researcher signature

(208043047)

ANNEXURE F: PRINCIPAL CONSENT TO PARTICIPATE IN THE STUDY'S FACE-TO-FACE OR TELEPHONE INTERVIEW.

TO WHOM IT MAY CONCERN

Persal Number : _____

Date : _____

Consent to participate in research entitled:

Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

This letter serves to confirm that I, _____ have voluntarily agreed to participate in a face-to-face or telephone interview for the above-mentioned study. I made a choice to voluntarily participate after being informed about the data collection procedure and all the possible implications of my involvement in the study. I have also been informed of my right to withdraw from the study any time I feel I can no longer continue for any reason (or whatsoever the case it may be) and such a decision will not have negative outcomes on me.

Yours faithfully

Date:

Principal Signature



Date: 18/04/2024

Researcher signature:

(208043047)

ANNEXURE G: LEARNING FACILITATOR CONSENT TO PARTICIPATE IN THE STUDY'S TELEPHONE INTERVIEW

TO WHOM IT MAY CONCERN

Persal Number : _____

Date : _____

Consent to participate in research entitled:

Strategies improving pedagogical content knowledge of Economic and Management Sciences of Teachers in Lejweleputswa District.

This letter serves to confirm that I, _____ have voluntarily agreed to participate in a face-to-face or telephone interview for the above-mentioned study. I made a choice to voluntarily participate after being informed about the data collection procedure and all the possible implications of my involvement in the study. I have also been informed of my right to withdraw from the study any time I feel I can no longer continue for any reason (or whatsoever the case it may be) and such a decision will not have negative outcomes on me.

Yours faithfully

Date:

Learning Facilitator



Date:18/04/2024

Researcher Signature

(208043047)

Annexure H: INTERVIEW QUESTIONS FOR PRINCIPAL, TEACHERS, LEANERS AND LEARNING FACILITATOR

(before the interview questions are asked the below information will be shared)

For your information, please note the following:

- Answer as honestly as you possibly can
- Participation and completion of this questionnaire is voluntary
- All responses will be kept strictly confidential and will only be used for purposes of the study.
- Anonymity will be guarded at all costs
- Your participation and contribution will be regarded as highly valuable.

Questions:

1. Can you tell us about the strategies you currently use to enhance the professional knowledge and classroom competence of EMS teachers?
2. What specific initiative or programmes do you implement to improve the subject specific knowledge and teaching skills of EMS teachers in the district of your school?
3. How do you ensure that EMS teachers stay updated with the latest advancements, theories and practices in their occupation?
4. Are there any collaborative platforms or networks that you encourage EMS teachers to engage with to exchange ideas and enhance their teaching methods?
5. How do you evaluate the effectiveness or the strategies implemented to improve Professional Competence and Classroom Knowledge and Content Knowledge?
6. Can you elaborate on any success stories or examples where EMS teachers have shown significant improvement in their PCK and CK through the implemented strategies?
7. Have you encountered any challenges in improving the PCK and CK of EMS teachers in the school? If so, how did you overcome them?
8. How do you collaborate with other stakeholders, such as training institutes or experts in the field, to continuously improve the PCK and CK of EMS teachers?

Annexure I: INTERVIEW QUESTIONS FOR LEARNERS

1. How do you define the role of EMS?
2. Can you provide examples of strategies that you think could improve the knowledge and skills of an EMS teacher?
3. In your opinion, what specific areas of EMS should an effective teacher focus on to enhance learners' understanding and interest?
4. How important do you think it is for an EMS to stay updated with the latest trends and developments in the field? How can they do this?
5. What are some effective teaching methods or techniques that you believe can make the subject more engaging and accessible for primary school learners?
6. Do you think it is important for an EMS teacher to incorporate real-life examples and case studies into their teachings? Why or why not?
7. How can technology be effectively integrated into the teaching and learning process for EMS? Can you provide an example?

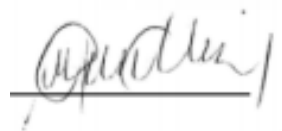
Annexure J: Editing Letter



9 Akasia Street
Vierfontein Ontwikkelingsgroep
2615
081 354 1596
edit@profeditmba.co.za
17 April 2025

To Whom It May Concern

This serves to confirm that the dissertation: **STRATEGIES IMPROVING PEDAGOGICAL CONTENT KNOWLEDGE OF ECONOMIC AND MANAGEMENT SCIENCES OF TEACHERS IN LEJWELEPUTSWA DISTRICT** by *Tselane Ledimo* was edited. The language, presentation, referencing system (both in-text and against the Reference List), were checked and corrected.



M Grundling
17 April 2025