
13. If "No" to question 10, give factors that contribute to your not experiencing problems in carrying out the Geography Field Project work .

14. In your own opinion, what do you think should be done by each of the following to solve the problems that you experience in carrying out the Geography Field Project work as an individual?

a) Geography teachers:

b) School Managers:

c) Your local community (Parents/Guardians, Experts, Intellectuals, Business firms,)

d) Any Other (please specify)

15. Write any relevant information about the Geography Field Project work

THANK YOU FOR YOUR CO-OPERATION

APPENDIX 2

SEMI-STRUCTURED QUESTIONNAIRE FOR TEACHERS OF GEOGRAPHY IN ZAMBIAN HIGH SCHOOLS

INSTRUCTIONS

1. Complete this form by filling in correct information in the blank spaces. Tick [✓] where applicable.
2. Where it is not applicable, indicate N/A

SECTION A: GENERAL AND PERSONAL INFORMATION

- Date of the interview: _____
 - Sex: i) Male [] ii) Female []
 - Number of pupils you are teaching in Grade 12:

1. What experience do you have as a teacher since you started working?
a) Examiner [] b) Moderator [] c) Marker []
d) Any other (please specify)

SECTION B: GEOGRAPHY FIELD PROJECT WORK INFORMATION

1. List down the specific tools and resources that you have at school for implementing the Geography Field Project work component.
a) Tools:

b) Resources:

2. What specific training programme(s) have you received so far as regards the implementation of the Geography Field Project work?

3. If you have received any training programme(s) as regards the implementation of the Geography Field Project work, what benefits have such programme(s) offered you in carrying out the Geography Field Project work?

4. If you have not received any specific training programme(s) as regards the implementation of the Geography Field Project work, what specific Geographical skills do you urgently need to ease your carrying out the Geography Field Project work?

5. What are your roles in the implementation of the Geography Field Project work component?

a) Roles:

6. What are your expectations to each of the following in the implementation of the Geography Field Project work in your school?

i) Pupils:

ii) School Manager:

iii) Ministry of Education:

iv) Local Community (Parents/Guardians, Experts, Intellectuals, Business firms)

v) Any other (please specify):

7. How do you plan to meet the specific expectations as stated in question 6

i) By pupils?

ii) By School Manager?

iii) By Ministry of Education

iv) By Local Community (Parents/Guardians, Experts, Intellectuals, Business firms)

v) By any other (please specify)?

8. Have you ever taught your current class outside the classroom environment?

i) Yes [] ii) No []

9. If "Yes" to question 8, how did it benefit the following?

a) Pupils:

b) The teacher (i.e. yourself):

c) Any other (please specify):

10. Is there a National school policy in place as regards to the pupil-teacher ratio in the implementation of the Geography Field Project Work in Zambian High Schools?

i) Yes [] ii) No []

11. If "Yes" to question 10, state the pupil-teacher ratio:

12. If "No" to question 10,

a) Give reason(s):

b) Suggest the reasonable and manageable pupil-teacher ratio in the implementation of the Geography Field Project work in your school:

13. Do you experience problems in the implementation of the Geography Field Project work in your school?

i) Yes [] ii) No []

14. If "Yes" to question 13, list down the problems you have been experiencing with the:

a) Pupils:

b) School Manager:

c) Ministry of Education:

d) Local Community (Parents/Guardians, Experts, Intellectuals, Business firms):

e) Any other (please specify):

15. If "Yes" to question 13, how do you hope to solve each of the stated problems you have been experiencing from the:

i) Pupils:

ii) School Manager:

iii) Ministry of Education:

iv) Local Community (Parents/Guardians, Experts, Intellectuals, Business firm:

vi) Any other (please specify):

16. If "No" to question 13, give reason(s) or factor(s) why you do not experience problems:

17. Do you have any relevant information you think the questionnaire has not addressed? i) Yes [] ii) No []

18. If "Yes" to question 17, what is it?

THANK YOU FOR YOUR CO-OPERATION

APPENDIX 3

SEMI-STRUCTURED QUESTIONNAIRE FOR SCHOOL MANAGERS

INSTRUCTIONS

1. Complete this form by filling in the blank spaces or by ticking [✓] where applicable
2. Where not applicable, indicate N/A

SECTION A: GENERAL AND PERSONAL INFORMATION

Date of the interviews: _____

1. Name of school: _____
2. Total number of Geography teachers in school: _____
3. Your professional qualification(s):

SECTION B: GEOGRAPHY FIELD PROJECT WORK INFORMATION

This section will contain questions on Geography Field Project work.

4. Have you received any training on how to facilitate the implementation of the Geography Field Project work?
1) Yes [] ii) No []
5. If "Yes" to question 4, what type of training did you receive?
i) Yes [] ii) No []

6. If "No" to question 4,
a) give reason(s)

- b) Explain how you facilitate the implementation of Geography Field Project work at your school without any training.

7. What are your roles at your High School in the implementation of Geography Field Project work?

8. What are your expectations to each of the following in the implementation of the Geography Field Project Work at your High School?

a) Pupils:

b) Geography Teachers:

c) Ministry of Education:

d) Local Community (Parents/Guardian, Experts, Intellectuals, Business firms):

e) Any other (please specify):

9. How do you plan to meet your specific expectations as tabulated in question 8 by:

a) Pupils?

b) Geography Teachers?

c) Ministry of Education?

d) Local Community (Parents/Guardians, Experts, Intellectuals, Business firms?)

e) Any other (please specify)

10. Do you have safety measures, insurance policy inclusive in place, for your pupils and teachers in carrying out the Geography Field work in your High School?
 i) Yes [] ii) No []
11. If "Yes" to question 9, list down specific safety measures, Insurance policy inclusive in place for your pupils and teachers in your High School:

12. If "No" to question 9, give reason(s):

13. Is there a specific National Policy in place on the professional qualification(s) of teachers handling the Geography Field Project work in your High School?
 i) Yes [] ii) No []
14. If "Yes" to question 12, state that National policy.

15. If "No" to question 12
 i) Give reason(s):

- ii) State the professional qualification(s) one should have in order to handle the Geography Field Project work in your High School.

16. State the professional qualification(s) of your teachers handling Geography Field Project work in your school.

QUALIFICATIONS	INSTITUTION WHERE OBTAINED
1.	
2.	
3.	

17. Is there a National Policy in place as regards to the Pupil-Teacher Ratio in implementation of the Geography Field Project work?

i) Yes [] ii) No []

18. If "Yes" to question 17, state the ratio:

19. If "No" to question 17

a) give reason(s):

b) state your school policy if you have any:

20. Do you experience administrative problems in facilitating the implementation of Geography Field Project work in your High School?

i) Yes [] ii) No []

21. If "Yes" to question 20, list down the specific problems that you

experience with the following:

i) Pupils:

ii) Geography teachers:

iii) Ministry of Education:

iv) Local community (Parents/Guardians, Experts, Intellectuals, Business firms)

v) Any other (please specify):

22. If "Yes" to question 19, what do you think should be done to each of your stated specific problems stated in question 20 by:
i) Pupils?

ii) Geography teachers?

iii) Any other (please specify)

23. If "No" to question 19, give reason(s) or factor(s) why you do not experience problems.

24. Do you have any relevant information you think the questionnaire has not addressed?

i) Yes [] ii) No []

25. If "Yes" to question 23, specify what it is:

THANK YOU FOR YOUR CO-OPERATION

APPENDIX 4

QUESTIONNAIRE FOR THE MINISTRY OF EDUCATION

INSTRUCTIONS

1. Complete the form by filling in blanks. Tick [] where applicable
2. Where not applicable, use N/A

SECTION A: GENERAL AND PERSONAL INFORMATION

Date of interviews:

1. Name of the institution:
-
-

SECTION B: GEOGRAPHY FIELD PROJECT WORK INFORMATION

1. What difference has the Geography Field Project work component brought into the Zambia's Geography curriculum?

2. In your own opinion, what should be done to the 12% allocated to the Geography Field Project work?

- i) Remain as it is []
- ii) Reduced []
- iii) Increased []

3. Give reason(s) for your answer to question 2

4. What have been your roles as an institution in the implementation of the Geography Field Project work in Zambian High Schools?

- i) Roles

5. What are your expectations as an institution to each of the following in the implementation of the Geography Field Project work in Zambian High Schools?

a) Pupils:

b) Geography teachers:

c) School Managers:

d) Local community (Parents/Guardians, Experts, Intellectuals, Business firms):

e) Any other (please specify):

6. Did you provide any training programme(s) to the teachers of Geography in Southern Province of Zambia as regards the implementation of the Geography Field Project work?

i) Yes [] ii) No []

7. If "Yes" to question 6, state the type of training programme(s) you provided to the teachers in the Southern Province of Zambia.

8. If "No" to question 6, give reason(s)

9. What Geographical skills do each of the following require to implement the Geography Field Project work in Zambian High Schools?

a) Geography teachers:

b) School Managers:

10. What Geographical tools and resources has your institution Distributed to High Schools in the Southern Province of Zambia to facilitate the implementation of the Geography Field Project work in Zambian High Schools?

a) tools:

b) resources:

11. Is there a National policy in place as regards to the Pupil-Teacher ratio in the implementation of the Geography Field Project work in Zambian High Schools?

i) Yes [] ii) No []

12. If "Yes" to question 11, state the National policy on Pupil-Teacher ratio

13. If "No" to question 11:

i) Give reason(s)

ii) Suggest the reasonable and manageable pupil-teacher ratio for the proper implementation of the Geography Field Project work in Zambian High Schools.

14. Are there any safety measures, insurance policy inclusive in place for pupils and teachers carrying out Geography Field Project work in Zambian High Schools?

i) Yes [] ii) No []

15. If "Yes" to question 14, state the safety measures and the Insurance policy:

16. If "No" to question 14,
i) Give reasons:

iii) Suggest the possible safety measures and insurance policy for pupils and teachers handling the Geography Field Project work:

17. Is there a specific policy in place on the professional qualification of teachers handling the Geography Field Project work in Zambian High Schools? i) Yes [] ii) No []

18. If "Yes" to question 17, what is the policy?

19. If "No" to question 17,
a) Give reason(s):

b) Suggest any minimum professional qualification a teacher should have to handle the Geography Field Project work in Zambian High schools:

20. What experience do you expect a teacher to possess in order to qualify to handle the Geography Field Project work?

21. Do you experience problems as an institution in the implementation of the Geography Field Project work in Zambian High Schools?

i) Yes [] ii) No []

22. If "Yes" to question 21, list down the problems you experience With each of the following:

i) Pupils:

ii) Geography teachers:

iii) School Managers:

iv). Local community (Parents/Guardians, Experts, Intellectuals, Business firms)

v) Any other (please specify):

23. If "Yes" to question 21, how do you hope to solve the problems With each of the following?:

a) Pupils:

b) Geography teachers:

c) School Managers:

d) The local community (Parents/Guardians, Experts, Intellectuals, Business firms):

e) Any other (please specify):

24. If "No" to question 21, give contributing factors to why you do not experience problems:

25. Do you have any relevant information you think the questionnaire has not addressed?

i) Yes [] ii) No []

26. If "Yes" to question 25, specify what it is:

THANK YOU FOR YOUR CO-OPERATION

APPENDIX 5

INTERVIEW SCHEDULES FOR GEOGRAPHY TEACHERS.

1. Time allocated to the geography field work on the school timetable.
2. The compulsory/optional aspect of the geography field project work in geography curriculum.
3. The 12 per cent mark allocation [increase, decrease or remain same].
4. Effect of the geography field project work on the general performance in geography final results.
6. Accessibility of the pupils to the local community.
7. Weaknesses/shortfalls/demerits of the geography field project work component.
8. Strengths/merits of geography field project component in the geography field project component in the geography curriculum.
9. General performance of Grade 12 pupils in geography field project work component.
10. Time spent on each individual pupil on the project report writing.
11. Pastoral assistance provided to pupils on teachers as they go out for their geography field project work.

APPENDIX 6

HIGH SCHOOLS IN THE SOUTHERN PROVINCE OF ZAMBIA AT

THE TIME OF STUDY

1. CANISIUS
2. CHIKUNI GIRLS *
3. CHIKANKATA
4. CHIPEPO
5. CHIVUNA (ST. JOSEPH'S GIRL'S)
6. CHOMA
7. DAVID LIVINGSTONE
8. FRANCIS DAVIDSON
9. HILLCREST TECHNICAL * (Co-Ed: Government)
10. ITEZHI-TEZHI
11. JEMBO
12. KABANGA
13. KALOMO
14. KASENGA GIRLS
15. LINDA * (Co-Ed: Government)
16. LWENGU * (Co-Ed: Private)
17. MAAMBA
18. MACHA
19. MASUKU
20. MAZABUKA GIRLS
21. MONZE BOARDING * (Co-Ed: Government)

22. MUKASA
23. NAMULUNDU
24. NAMWALA
25. NAMWIANGA
26. NJASE GIRLS
27. PEMBA
28. RUSANGU **
29. SIAVONGA
30. SIKALONGO
31. ST. EDMUNDS
32. ST. MARY'S
33. ST. RAPHAEL'S * (Boy's : Grant Aided)
34. ST. MARKS
35. UP HILL
36. ZIMBA

N.B. This record is as per August, 2006

*** The High Schools purposely chosen to be used in this research study.**

** The High School used as "Pilot testing"

APPENDIX 7

SUMMARY OF THE PROBLEMS EXPERIENCED BY PUPILS AND POSSIBLE SOLUTIONS

<p>A) Economic problems</p> <p>i) Pupils experience financial problems: The project is too demanding in terms of movements, typing, and printing the project.</p> <p>ii) The time element to carry out the project work.</p> <p>iii) Lack of trained personnel to handle the field project.</p> <p>iv) Negative attitude from School Managers, the Local community and many others.</p>	<p>Solutions to Economic problems</p> <p>i) The schools and local communities to help in providing financial assistance, not only in terms of school vehicles but also of typing and printing of the project.</p> <p>ii) Creation of separate periods or time on the school master time table for the project work.</p> <p>iii) Sensitizing the School Managers, the local communities and many others on the importance of the geography field project work.</p> <p>iv) Serious training of human resource to the level of understanding the project very dearly.</p>
<p>B) Socio-Cultural problems</p> <p>i) Few people give help: The local community not co-operative; some violent and chased pupils.</p> <p>ii) Failure to disclose some data to pupils in the pretext of some are highly sensitive such as HIV/AIDS and prostitution related.</p> <p>iii) Teachers not willing to attend to pupils.</p>	<p>Solutions to Socio-Cultural problems</p> <p>i) Local community to be sensitized about the aims of the educational policy to which the project is a response.</p> <p>ii) Local community to co-operate and stop being violent.</p> <p>iii) Local community to stop undermining the research exercise done by pupils.</p> <p>iv) To sensitize the local community not to be too suspicious of the pupils but provide enough information as possible.</p> <p>v) Teachers to be readily available to attend to pupils. This is possible by having a program for all pupils.</p>
<p>C) Natural problems</p> <p>i) Pupils lack self esteem: Some</p>	<p>Solutions to natural problems</p> <p>i) To help such pupils to be outgoing especially in research work so as to get as enough data as</p>

<p>pupils lack self confidence, self motivation because they may be introverts by nature.</p> <p>ii) Pupils find difficulties in writing the project.</p>	<p>possible.</p> <p>ii) To encourage pupils that they can do it in the project.</p> <p>iii) The schools, MOE and the local community to furnish schools with research materials and gargets such as computers, cameras and other survey tools.</p>
<p>D) Environmental problems</p> <p>i) Some study areas are difficult to locate due to their geographical locations. This has to do with landscape/relief.</p> <p>ii) Lack of materials and equipment.</p>	<p>Solutions to environmental problems</p> <p>i) Study areas which are accessible.</p> <p>ii) Schools providing transport where possible for inaccessible places.</p> <p>iii) The schools, MOE and the local community to furnish schools with research material and garget such as computers, cameras and other survey tools.</p>

APPENDIX 8:

GEOGRAPHY TEACHERS' PUPIL-TEACHER RATIO PROPOSALS

Proposed ratio	Number of teachers	Percentage (%)
10:1	3	27.3
15:1	1	9.1
20:1	1	9.1
25:1	1	9.1
30:1	4	36.4
No response	1	9.1
TOTALS	11	100