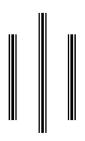
A STUDY OF PRACTICES ABOUT METHOD OF TEACHING IN MATHEMATICS AT GRADE V OF PRIMARY LEVEL IN POKHARA SUBMETROPOLITAN



A THESIS SUBMITTED

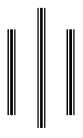
BY

SHIBALAL RIMAL
CAMPUS ROLL NO.06/061

T.U. REG. NO: 5-1-283 - 96 EXAM ROLL NO. : 480658



IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF EDUCATION



SUBMITTED TO:
TRIBHUVAN UNIVERSITY
PRITHIVI NARAYAN CAMPUS
DEPARTMENT OF MATHEMATICS
FACULTY OF EDUCATION
POKHARA
2011

TRIBHUVAN UNIVERSITY PRITHIVI NARAYAN CAMPUS DEPARTMENT OF MATHEMATICS FACULTY OF EDUCATION POKHARA, NEPAL

Thesis Submitted
by
Shibalal Rimal

Entitled

"A Study of Practices About Methods of Teaching In Mathematics At Grade V of Primary Level In Pokhara Sub-metropolitan"

has been approved in partial fulfillment of the requirement for the Degree of Master of Education

Committee for the Viva-voce	Signature
Mr. Narendra Narayan Jha	
(Head of the Department)	
Dr. Krishna Kumar Shrestha	
(External Examiner)	
Mr. Maheshwor Pokhrel	
(Supervisor)	
Date:- December, 2011	

TRIBHUVAN UNIVERSITY PRITHIVI NARAYAN CAMPUS DEPARTMENT OF MATHEMATICS FACULTY OF EDUCATION

POKHARA

ACCEPTANCE LETTER

This is to certify that Mr. Shibalal Rimal, student of academic year 2061/068 with Exam Roll No. 480658 and TU registration No 5-1-48-283-96 has completed his thesis under my supervision, during the period prescribed by the rules and regulation of Tribhuvan University. The thesis entitled "A study of practices about methods of teaching mathematics at grade V of primary level in pokhara submetropolitan" embodies the result of his investigation conducted during the period of 2011 at department of mathematics Education Prithivi Narayan Campus, Bagar Pokhara. I recommended and forward that his Thesis is submitted for the evaluation for awarding the Degree of Master of Education.

.....

Mr. Narendra Narayan Jha

Head

Department of Mathematics
Tribhuvan University
Prithivi Narayan Campus
Pokhara, Nepal

Mr. Maheshwor Pokhrel

Supervisor

Department of Mathematics

Tribhuvan University

Prithivi Narayan Campus

Pokhara, Nepal

ACKNOWLEDGEMENT

I am very much indebted to lecturer Mr. Maheshwor Pokhrel, Department of

Education, Prithivi Narayan Campus Bagar Pokhara, my supervisor whose

painstaking efforts in providing me with scholarly guidance and constant

encouragement made this research feasible to complete in time.

I am extremely grateful to Mr Narendra Narayan Jha of Department of

Mathematics Education, Prithivi Narayan Campus Bagar, Pokhara for his

professional expertise and moral support in completing the study. Similarly I

would like to express my sincere appreciation to my teacher Mr. Bibhab

Neupane, Man Bahadur Bhujel, Gangadhar Poudel for guiding one whenever it

was needed.

My sincere appreciation goes toward my friend Dam Bahadur Gurung helping

and editing the language of thesis report

My heartily words to all principals of sample schools and mathematics teachers

of grade V of sampled school in the classroom who provided me the

opportunity for class observation during the reserch.

Lastly I would like to express my gratitude to my dear wife Laxmi Rimal for

her help in printing and organizing my research.

Date: December, 2011

Shibalal Rimal

iii

ABSTRACT

Teaching is an art so the teacher has the great responsibility to make teaching effective. Teacher must select the teaching method according to objective of lesson, nature of subject matter, ability of students, availability of teaching materials, physical facility of school and ability of teacher. The method must be child centered (students centered) rather than teacher centered. The student's centered method may help in the achievement of knowledge and mathematical concept.

The study comprised five chapters, first chapter deals with the introduction of the topic in which general background historical background, significance of the study, objective, definition of the term, delimitation of the study were included. Chapters two deals about the review of related literature. Chapter three deals about methodology in which researcher design, population, Sample data collection procedure and procedure of analysis of data. Chapter four deals about analysis and interpretation of data. At last chapter five represents summary, finding, conclusion and recommendation.

The study was survey type. It is qualitative research. The researcher himself developed the class observation form on the basis of theoretical framework of teaching methods used in Nepal. The researcher selected 10 schools as sample five form private and five from public schools by random sampling.

The obtained data were analyzed and the interpreted by finding percentage and drawing statistical bar diagram. The researcher analyzed that most of the schools have used lecture methods of teaching rather than other methods. The teachers had given more focus on teachers centered method than student centered methods.

LIST OF ABBREVIATIONS

NNEPC = Nepal National Education Planning Commission

NESP = National Education System Plan

NEC = National Education Commission

DEO =District Education Office

QAM =Question Answering Method

IDM =Inductive-Deductive Method

DM = Discussion Method

Dis. M = Discovery Method

TABLE OF CONTENTS

TOI	PICS	Page No
Viva	a-voce	i
Acceptance Letter		ii
Acknowledgement		iii
Abst	tract	iv
List	of Abbreviations	vi
Tabl	Table of Contents	
List	of Tables	X
CHA	APTER I: INTRODUCTION	1- 27
1.1	Background of study	1
1.2	Statement of problem	25
1.3	Significance of Problem	25
1.4	Objective of study	25
1.5	Delimitation of study	25
1.6	Definition of terms	26
CHA	APTER - II : REVIEW OF RELATED LITERATURE	28-30
CHA	APTER - III : METHODOLOGY	31-33
3.1	Design of study	31
3.2	Population	31
3.3	Sample	32
3.4	Tools	32
3.5	Observation	32
3.6	Data Collection procedure	32
3.7	Data analysis procedure	33

CHA	PTER - IV : ANALYSIS AND INTERPRETATION	
	OF DATA	34
4.1	Presentation of Data Practices of Teaching Method	
	in School	34
4.2	Presentation of Data practices of teaching Method	
	in School in Bar Diagram.	35
	4.2.1 Analysis of Data in Terms of Lecture Method	36
	4.2.2. Analysis of Data in Terms of Problem	
	Solving Method	36
	4.2.3 Analysis of Data in Terms of Inductive-	
	Deductive Method	36
	4.2.4. Analysis of Data in Terms of Questions-	
	answering Method	36
	4.2.5 Analysis of Data in Terms of Discussion Method	37
	4.2.6 Analysis of Data in Terms of Discovery Method	37
	4.2.7. comparison Among the Teaching Methods	
	Practice in Class	37
	4.2.8. Analysis of Data on Teaching Methods in	
	Terms of Academic Qualification of Teachers	37
CHA	PTER - V: SUMMARY, FINDINGS, CONCLUSION,	
	AND RECOMMOENDATION	39
5.1	Summary	39
5.2	Findings	39
5.3	Conclusion	40
5.4	Recommendation for the Study	41
REFERENCES		42-44
APPENDIX- A		45-46
APP	CNDIX- B	47