EFFECTIVENESS OF VISUAL MATERIALS IN READING COMPREHENSION

A Thesis Submitted to the Department of English Education, University Campus, Kirtipur in Partial Fulfillment for the Master's Degree in English Education

> By Harisaran Dawadi

Faculty of Education
Tribhuvan University
Kitipur, Kathmandu, Nepal
2010

EFFECTIVENESS OF VISUAL MATERIALS IN READING COMPREHENSION

A Thesis Submitted to the Department of English Education, University
Campus, Kirtipur in Partial Fulfillment for the Master's Degree in
English Education

By Harisaran Dawadi

Faculty of Education
Tribhuvan University
Kitipur, Kathmandu, Nepal
2010

Secon Year Examination Thesis Proposal: 2066/09/14

RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr. Harisaran Dawadi has prepared this thesis entitled

'The Effectiveness of Visual Materials in Reading Comprehension' under
my guidance and suepervision.

I recommend the thesis for acceptance.

Date:

Dr. Chandreshwar Mishra

Professor and Head

Departmen fo English Education

T.U., Kirtipur, Kathmandu

RECOMMENDATION FOR EVALUATION

This thesis has been recommended for evaluation from the following 'Research Guidance Committee.'

	Signature
Dr. Chandreshwar Mishra (Guide)	
Professor and Head	Chairperson
Department of English Education	
T.U, Kirtipur	
Dr. Jai Raj Aswasthi	
Professor	Member
Department of English Education	
T.U, Kirtipur	
Dr. Anjana Bhattarai	
Reader	Member
Department of English Education	
T.U, Kirtipur	
Date:	

EVALUATION AND APPROVAL

This thesis has been evaluated and approved by the following 'Thesis Evaluation and Approval Committee'.

	<u>Signature</u>
Dr. Chandreshwar Mishra (Guide)	
Professor and Head	Chairperson
Department of English Education	
T.U, Kirtipur	
Dr. Jai Raj Aswasthi	
Professor	Member
Department of English Education	
T.U, Kirtipur	
Dr. Anjana Bhattarai	
Reader	Member
Department of English Education	
T.U, Kirtipur	
Date:	

DECLERATION

I hereby declare to the best of my knowledge that this thesis is original no part of it was earlier submitted for the candidature of research degree to any university.

Date: 2067/04/12 Harisaran Dawadi

vi

DEDICATION

I sincerely dedicate to my parents and teachers whose combined efforts enabled me to be in the present position.

ACKNOWLEDGENEMTS

I would like to express my earnest gratitude to my thesis supervisor and guide **Prof. Dr. Chandreshwar Mishra**, Head of the department of English Education, for his invaluable suggestions, encouragement and cooperation to bring the thesis to this from its conception to the present form.

I am extremely grateful to the intellectual personalities of the Department of English education, **Prof. Dr. Jai Raj Awasthi** and for his encouragement and academic support.

I am equally grateful to **Prof. Dr. Govinda Raj Bhattarai, Dr. Anjana Bhattarai, Mrs. Sarswoti Dawadi, Mrs. Heema Rawal, Mr. Bhesh Raj Pokherel** and other members of Department of English Education, Kirtipur, for their valuable suggestions and encouragement.

Additionally, I would like to take this opportunity to express my warm personal appreciation to **Mr. Parashu Ram Adhikari**, coordinator of Shree Gyan Jyoti Higher Secondary school and all the students of grade ix who participate in this experiment.

Moreover, I am grateful to my parents for their suggestions and cooperation at every stage of accomplishing this study. I also wish to express personal appreciation to **Mr. Girija Ale** and my brothers **Mr. Shyam Dawadi** and **Mr. Ram Prasad Dawadi** for their assistance in completing this thesis.

Finally, **Mr. Gyaneswor Maharjan**, **Peace Computer Service**, **Kirtipur**, also deserves all my appreciation for his continuous support for typing and banding this thesis in this form.

Harisaran Dawadi

ABSTRACT

The main objective of this study was find out the effectiveness of visual materials in reading comprehension. Shree Gyan Jyoti Higher Secondary School, Gorkha was selected purposive for data collection. Sixty students studying in grade ix were the primary source, as the primary data for the study was obtained by administering tests to them. At the entry point, a pretest was administered. Then, the students were divided into two groups on the basis of result of the pre-test to maintain equal level of proficiency of both the groups and were termed as 'controlled' and 'experimental' groups. Both the groups were taught the selected items for the specified time. But the controlled group was taught without using visual materials. At the end of the classroom teaching, a post-test was administered. The obtained data were compared, analyzed and interpreted to determine the effectiveness of visual materials. By this study it was found that the visual materials in English reading comprehension, since the experimental group had performed better in all the areas in pots-test.

The thesis comprises four chapters. Chapter one deals with the introduction of teaching visual materials with the short history of their use in teaching the English language in Nepal. It also includes the review of the related literature, objectives of the study and significance of the study. Chapter two deals with the sources of data, population and sampling procedure, process of data collection and limitations of the study. The third chapter is devoted to the interpretation and analysis of the data collected. To analyze the data, the average scores were tabulated and the difference between pre-test and post-test was calculated in terms of average scores and percentage. The experimental (group 'B') was taught using visual materials got its average

scores increased in seen text, unseen text, paraorthographic text and other reading text by 66%, 60.66%, 57.50% and 62.70% respectively in the post test whereas the controlled group got its average scores increased in the same areas by 14.78, 16.17, 26.92 and 21.05 percent respectively in the posttest. It shows that the progress rate of experimental group was higher in all areas. Finally, chapter four deals with the findings and recommendations of the study. The findings have been outlined on the basis of the analysis and interpretation of the data, and appropriate recommendations and pedagogical implications have been presented.

TABLE OF CONTENTS

	Page No.
RECOMMENDATION FOR ACCEPTANCE	i
RECOMMENDATION FOR EVALUATION	ii
EVALUATION AND APPROVAL	iii
DEDICATION	iv
DECLARATION	v
ACKNOWLEDGMENTS	vi
ABSTRACT	vii
LIST OF TABLES	ix
LIST OF BAR-DIAGRAMS	X
LIST OF ABBREVIATIONS	xi
CHAPTER ONE	1
INTRODUCTION	1
1.1 General Background	1
1.2 Importance of Visual Materials	3
1.3 Types of Visual Materials	4
1.4 Reading Comprehension	8
1.4.1 Reading	8
1.4.2 Reading as a Skill	10
1.4.3 Testing Reading Comprehension	11
1.4.4 Reading Comprehension	11
1.3 Review of the Related Literature	14
1.6 Objectives of the Study	16
1.7 Significance of the Study	17

CHAPTER –TWO	
METHODOLOGY	18
2.1 Sources of Data	18
2.1.1 Primary Source of Data	18
2.1.2 Secondary Sources of Data	18
2.2 Population of the Study	19
2.3 Sampling Procedures	19
2.4 Tools for the Data Collection	20
2.5 Process of Data Collection	21
2.6 Limitations of the Study	22
CHAPTER -THREE	24
ANALYSIS AND INTREPRETATION	24
3.2. Reading Text Based Comparison	26
3.2.1. Seen Passages	27
3.2.2 Unseen Passage for Reading Comprehension	29
3.2.3 Parathogaphic Text for Reading Comprehension	31
3.2.4. Other Reading Text	33
3.3 The Holistic Comparison Based on the Total Average Score	35
CHAPTER – FOUR	45
FINDINGS AND RECOMMENDATIONS	45
4.1 Findings	45
4.2 Recommendations	47
4.3 Pedagogical Implications of the Study	50
REFERENCES	53
APPENDICES	55

LIST OF TABLE

	Page No.
Table No. 1 Group Division Procedures	20
Table No. 2 Test Items and their Weightage of Marks	21
Table No. 3 Reading Comprehension and Visual Materials	24
Table No. 4 Score in Seen Passages of Control Group 'A'	27
Table No. 5 Score in Seen Passages of Experimental Group 'B'	28
Table No. 6 Score in Unseen Passage of Control Group 'A'	29
Table No. 7 Score in Unseen Passage of Experimental Group 'B'	30
Table No. 8 Score in Paraorthographic Text of Control Group 'A'	31
Table No. 9 Score in Paraorthographic Text of Experimental Group	p 'B' 32
Table No. 10 Score in Other Reading Text of Control Group 'A'	33
Table No. 11 Score in Other Reading Text of Experimental Group	'B' 34
Table No. 12 Reading Comprehension and Their Weightage of Ma	irks 36

LSIT OF BAR - DIAGRAM

I	Page No.
Bar Diagram No. 1 Total Percentage of Controlled Group 'A' in	
Both Tests	39
Bar Diagram No. 2 Total Distribution of Scores in Percentage in the	
Pre-test of Controlled Group 'A'	40
Bar Diagram No. 3 Total Distribution of Scores Percentage in the	
Pre-test of Controlled Group 'A'	41
Bar Diagram No. 4 Total Percentage of Experimental Group 'B'	
Both Tests	42
Bar Diagram No. 5 Total Distribution of Scores in Percentages in the	;
Pre-test of Experimental Group 'B'	43
Bar Diagram No. 6 Total Distribution of Scores in Percentage in the	
Post-test of Experimental Group 'B'	44