



Department of Curriculum & Instruction

Treatment of Primary Graders' English Reading Difficulties Using a Computerized Program

MA Thesis in Education
Curriculum & Instruction (TEFL)

Submitted by

Marwa Safwat Abbas Badawy

Supervised by:

Prof. Awatef Ali Sheir

Professor of Curriculum and Instruction

Faculty of Post-Graduate Studies for Education

Cairo University

Dr. Muhammad M. Abdel Lati

Lecturer of Curriculum and Instruction

Faculty of Post-Graduate Studies for Education

Cairo University

2018 / 1439

Cairo University

Faculty of Post-Graduate Studies for Education

Department of Curriculum & Instruction

Name: Marwa Safwat Abbas Badawy

Research Title: Treatment of Primary Graders' English Reading
Difficulties Using a Computerized Program

Members of the discussion committee

1. Dr.Awatef Ali Sheir

Professor of Curriculum & Instruction (EFL)

Faculty of Graduate Studies for Education, Cairo University

2. Dr.Zineb Al-Najjar

Professor of Curriculum & Instruction (EFL)

Faculty of Education, Ain Shams University

3. Dr.Attia Elsayed

Professor of Curriculum & Instruction (EFL)

Faculty of Education, El-Azhar University

Name: Marwa Safwat Abbas Badawy

Nationality: Egyptian

Date and place of birth: 5-10-1987 Sohag

Degree: MA in Education

Specialization: Curriculum & Instruction (TEFL)

Supervisor (s): Prof. Awatef Ali Sheir

Dr. Muhammad M. Abdel Latif

Title of thesis: Treatment of Primary Graders' English Reading Difficulties Using a Computerized Program

Year: 2018 / 1439

ABSTRACT

The purpose of this study is to treat primary graders' English reading difficulties using a computerized program. The study adopted the pre-experimental design. The purpose of this study is to treat primary graders' English reading difficulties using a computerized program. The instruments of the study were a checklist of some of reading skills and a pre-post reading test. A pre-test has been administered to examine primary graders' English reading difficulties. Data derived from the pre-test have confirmed pupils' weakness in reading. Thus the researcher made a checklist of reading skills that are appropriate to the 5th year of the primary stage to be taught. The results of the post-test have confirmed the hypotheses that there is a statistically difference between the participants' mean scores of the pre- and post- reading skills test in favor of the post test. Based on the findings, a set of recommendations and suggestions for further research are highlighted.

Key words: reading skill, the program.

ACKNOWLEDGEMENTS

Praise Be to Allah, Lord of the Heavens and the Earths, for helping me to continue and accomplish this study.

I would like to thank my supervisor Prof. Awatef Ali Sheir, professor of curriculum and instruction, whose help and guidance are evident in each part of this study. Her insightful comments and suggestions gave life to my thoughts. I am grateful to Dr. Muhammad M. Abdel Latif, lecturer of curriculum and instruction, whose enthusiasm, priceless assistance, motivation and encouragement were something to rely on when things went wrong.

I would like to extend my sincere thanks and appreciation to the committee members, Prof. Zineb Al-Najjar, professor of curriculum and instruction, Ain Shams University, and Dr. Attia El sayed, Dr of curriculum and instruction, Al-Azhar University, for their attendance and acceptance of the discussion.

I am thankful to the panel of jury whose advice and experience help to complete this study correctly. Also, I would like to thank the English teachers and the pupils who participated in this study.

Last, my sincere gratitude and deepest appreciation go to my parents for their patience, encouragement and assistance. Also, I would like to thank my husband and my daughter Jana for their patience while preparing this study. Special thanks are due to my friends for supporting me throughout writing this thesis.

TABLE OF CONTENTS

ABSTRACT	i
ACKNOWLEDGEMENTS.....	ii
TABLE OF CONTENTS	iii
LIST OF TABLES	vi
LIST OF FIGURES	vii

Chapter One: Background of the Problem

1.1 Introduction.....	1
1.2 Context of the Problem	4
1.3 Statement of the Problem	6
1.4 Questions of the Study	6
1.5 Hypotheses of the Study	6
1.6 Significance of the Study	6
1.7 Variables of the Study	7
1.8 Delimitations of the Study	7
1.9 Definition of Terms	8
1.10 Thesis Organization	9

Chapter Two: Literature Review and Related Studies

2.1 Reading	10
2.1.1 Oral Reading	11
2.1.2 Oral Reading Significance	13
2.2 Reading Skills	14
2.3 Reading in Primary Stage	16
2.4 Reasons for Reading Difficulties	18

2.5 The effect of Using Computer in Language Learning	22
2.6 Computer and Reading	24
2.7 Related Studies	26
2.8 Commentary	31

Chapter Three: Methodology

3.1 Method of the Study	33
3.1.1 Design of the Study	33
3.1.2 Participants of the Study	33
3.1.3 Variables of the Study	33
3.1.4 Instruments of the Study	34
<i>3.1.4.1 Reading Skills Checklist</i>	34
<i>3.1.4.2 Pre/post Reading Test</i>	35
3.1.5 Materials of the Study	37
<i>3.1.5.1 Computerized Program</i>	37

Chapter Four: Results and Discussions

4.1 Statistical Methods	39
4.2 Results of the Study	39
<i>4.2.1 Hypothesis One</i>	40
<i>4.2.2 Hypothesis Two</i>	41
4.3 Discussion of the Results	44

Chapter Five: Interpretation, Conclusions and Recommendations

5.1 Interpretation of the Results	45
5.2 Conclusion	47
5.3 Recommendations of the Study	48
5.4 Suggestions for Further Research	49

References 50

LIST OF APPENDICES

APPENDIX (A) Reading Skills Checklist 61

APPENDIX (B) Pre-post Reading Test 64

APPENDIX (C) Table of Specification..... 71

APPENDIX (D) Jury Members 72

ABBENDIX (E) A Computerized Program 73

LIST OF TABLES

Table	Page
(1) Referential Framework for Identifying the Effect Size of t-Values	39
(2) T-test Results of the Pre-Post- Test for the Performance of the Participants in Overall Reading Skills	40
(3) T-test Results of the Pre-post- Test for the Performance of the participants in Each Reading Skill.....	42

LIST OF FIGURES

Figure	Page
4.2.1 Mean scores of the research group in the pre-post- test in overall reading skills.....	41
4.2.2 Pre-post differences of each reading skill test for the participants	43

Chapter One

Background of the Problem

1.1 Introduction

Teaching children to read is undoubtedly one of the most important tasks assigned to elementary schools. The ultimate goal of reading instruction is to enable children to derive meaning from print. From this skill, children learn about the world around them, about people, about cultures, about science, about math and how to grow as an individual. Reading is one of the most difficult skills they will have to master throughout their school career. Primary stage pupils face certain difficulties in reading and writing. These difficulties hinder their learning in this and the following educational stages. This shows that there is a great need to find ways to treat these difficulties. Reading difficulties may create writing difficulties that affect pupils' attitudes and feelings towards learning and towards school in general (El-Sadek, 2010, pp.1-2).

Pupils in primary stage make several mistakes in reading, such as omitting words, adding letters or words, switching letters or words. Most pupils are considered poor readers, as they cannot read correctly and fluently, and as a result of this they cannot understand what they read and achieve success in English (Huang, 2005, p.23). Pupils in the primary stage deal with reading as a means for answering questions in quizzes not for good pronunciation and correcting or improving their reading difficulties. Besides, teachers are not interested in pupils' difficulties and mistakes in reading and they neglect correcting these mistakes. As a result, most primary stage pupils have difficulties and weakness in reading skills. Therefore, the teacher should use the appropriate type of instruction that helps pupils develop their

reading difficulties and avoid, or at least, delimit the traditional methods, procedures and techniques that hinder this development.

Good reader can notice, read, understand and interpret what he is reading. On the other hand, poor reader does not understand the text because he cannot read it, so he faces a mass problem when he has a written quiz. During reading, poor readers may have difficulty decoding, and so have difficulty reading the words of their texts accurately. In addition, some poor readers read too slowly, or lack fluency. As a result of their slow, they often do not comprehend much of what they read, and the attention they have to give to figuring out the words keeps them from understanding the text's message.

Reading is very important in life of an individual and for society as a whole. It is the most available source of input enriches communicative skills which enrich peoples' knowledge of the world by sharing information and ideas. Besides, it is a very important skill as it leads to better writing and better understanding. Reading is one of the most important English language skills a pupil learns, it depends on the language of the reader and the writing system that encodes that language. Pupils should be involved in actual reading in an enjoyable way, in English as a second language (ESL) programs they must learn to read, write, speak, and understand a new language (Cummins, 2000, p. 16).

The major aim of teaching EFL reading skills to primary stage pupils is to enable them to read correctly. When they are reading, they use two things to help them understand the text: what they can see on the page-print, punctuation and pictures, what they know- their background knowledge about the language and the world. In primary stage, focus should be given to alphabetic knowledge, spelling of the target words because children need to acquire alphabetic knowledge before they can develop other skills related to reading and writing, and