EFFECTIVENESS OF SELF REGULATED LEARNING FOR TEACHING MATHEMATICS TO CLASS IX STUDENTS OF BALASORE DISTRICT



A Dissertation
Submitted to
Barkatullah University, Bhopal
For the Partial Fulfillment of the requirement
for the Degree of B.Ed.-M.Ed. Integrated Course (RIE)
Session- 2018-21

SupervisorProf. N.C.Ojha

Department of Education

RIE, Bhopal

Research Scholar-Kamal Lochan Mahapatra BEd-MEd (RIE, Bhopal)

Regional Institute of Education, Bhopal (M.P.)

National Council of Educational Research and Training (NCERT), New Delhi

EFFECTIVENESS OF SELF REGULATED LEARNING FOR TEACHING MATHEMATICS TO CLASS IX STUDENTS OF BALASORE DISTRICT



1 0 DEC 2021

A Dissertation

Submitted to

D 522

Barkatullah University, Bhopal

For the Partial Fulfillment of the requirement

for the Degree of B.Ed.-M.Ed. Integrated Course (RIE)

Session- 2018-21

Supervisor-

Prof. N.C.Ojha 🕇

Department of Education

RIE, Bhopal

Research Scholar-

Kamal Lochan Mahapatra

BEd-MEd (RIE, Bhopal)

Regional Institute of Education, Bhopal (M.P.)

National Council of Educational Research and Training (NCERT), New Delhi

Dr. N.C.OJHA
ASSOCIATE PROFESSOR
DEPARTMENT OF EDUCATION,
REGIONAL INSTITUTE OF EDUCATION (NCERT),
BHOPAL-462002.



CERTIFICATE

This is to certify that the dissertation titled "Effect Of Self Regulated Learning For Teaching Mathematics To Class IX Students Of Balasore District" is based on original work by Mr. Kamal Lochan Mahapatra from the Department of Education, Regional Institute of Education (2018-2021) and the research work has not previously formed the basis for the award of any degree, diploma or any other similar title it represents entirely an independent work on the part of the candidate.

Place: Bhopal

Date: Mother

Countersigned by

Head of the Department

Department of Education

Regional Institute Of Education, NCERT

Bhopal-462002

KAMAL LOCHAN MAHAPATRA

DEPARTMENT OF EDUCATION,

REGIONAL INSTITUTE OF EDUCATION (NCERT),

BHOPAL-462002.



DECLARATION

I hereby declare that the dissertation entitled "Effect of Self Regulated Learning for Teaching Mathematics to Class IX Students of Balasore District" submitted to Regional Institute of Education Bhopal for the partial fulfillment of the degree of Masters of Education is a record of original work done solely by me, under the guidance of Professor Dr. N.C.Ojha, Dept. Of Education, Regional Institute of Education, Bhopal and that it has not formed the basis for the award of any other degree, diploma, certificate or any other title by any university or institution before.

Kamal lockan Mahapatra.

Place: Bhopal

Date-

Kamal Lochan Mahapatra

ACKNOWLEDGEMENTS

First and foremost, I bow my head before the Almighty, God Jagannath who helped me in accomplishment of this present dissertation work.

It is my honor and privilege to express my heartiest thanks and deep sense of gratitude to my highly esteemed and learned supervisor, Dr. N.C.Ojha, Associate Professor, Department of Education, RIE, Bhopal. Mere words cannot express my heartfelt feelings for the help, guidance and cooperation which I always received from him. He has been my constant source of inspiration and motivation at every step during my research endeavors. In spite of his busy schedule in the department, as well as at home, he spared a lot of valuable time for me and always guided me with his love, affection, care and sympathy. His intellectually stimulating discussions and suggestions from time to time and his able guidance always enlightened me in my difficult moments.

Furthermore, I would like to extend my sincere regards to Prof. N. C. Pradhan Former Principal, RIE, Bhopal and Dr. V. K. Kakaria, in-charge principal, RIE, Bhopal for their kind cooperation and giving valuable suggestions at the time of need.

I am very thankful to Prof. B. Ramesh Babu, DEAN, in-charge, RIE, Bhopal for providing inputs for my investigation.

I am very grateful to Dr. Sanjay Pandagle, Associate Professor, Department of Education, RIE, Bhopal for providing Research support, Technical support and bringing this step to this manuscript.

My sincere thanks to Professor Ratnamala Arya, Head of the Department, Department of Education, RIE, Bhopal for providing guidance and other official support for preparing report. I am very much grateful to Dr. P. K. Tripathy, Deputy Librarian and other library staffs of library for providing reference material and reading support for preparing this dissertation.

I thank to all my batch mates and friends their constant encouragement during the project.

I am also equally thankful and indebted to my mother, for her constant support and encouragement during the completion of this dissertation work.

Last, but not the least, I must take this opportunity of expressing my heartfelt gratitude to my late father. He has been constant source of energy and inspiration. I can never forget his special love, affection and kindness throughout my life. May God rest his soul in peace.

CONTENTS

Chapter-I	INTRODUCTION.
1.1	Introduction.
1.2	Rationale of the Study.
1.3	Objectives of the Study.
1.4	Hypothesis.
1.5	Delimitation of the study.
1.6	Outline of the rest of report
Chapter- II	A REVIEW OF THE RELATED LITERATURE.
2.1	Introduction.
2.2	Self Regulation
Chapter-III	PROCEDURE OF DATA COLLECTION.
3.1	Introduction.
3.2	Purpose
3.3	Methodology.
Chapter-IV	ANALYSIS OF DATA & INTERPRETATION OF
	RESULTS AND FINDINGS.
4.1	Introduction.
4.2	Self Regulated learning in Mathematics of class IX students.
4.3	Attitude towards Mathematics of class IX students.
4.4	Effect of Treatment Gender and their Interaction on
	achievement in Mathematics of class IX students.
Chapter- V	CONCLUSION & SUGGESTIONS.
5.1	Introduction
5.2	Findings
5.3	Effect of Self Regulated learning in Mathematics of class IX
	students

5.4	Attitude towards Mathematics of Class IX Students
5.5	Effect of Treatment on Achievement in Mathematics of Class IX
	Students
5.6	Effect of Gender on Achievement in Mathematics of Class IX
	Students
5.7	Interaction of Treatment and Gender on Achievement in
	Mathematics of Class IX Students
5.8	Summary
5.9	Implication
5.10	Suggestion
5 11	Conclusion

BIBLIOGRAPHY

APPENDIX-1

APPENDIX-2