

**THE EFFECT OF SEMANTIC MAPPING TECHNIQUE ON
STUDENTS' VOCABULARY MASTERY AT EIGHTH GRADE
IN SMP JOSEPH KHATULISTIWA**

THESIS

Submitted as a Practical Fulfilment of the Requirement for the Attainment of
Sarjana Pendidikan Degree in English Language Education Study Program



WRITTEN BY:

YENI MARIANI. L

Student ID: 220607184

**STKIP PERSADA KHATULISTIWA
ENGLISH LANGUAGE EDUCATION STUDY PROGRAM
SINTANG**

2026

APPROVAL SHEET

Name : Yeni Mariani. L
Student ID : 220607184
Study Program : English Language Education
Title : The Effect of Semantic Mapping Technique on Students' Vocabulary Mastery at Eighth Grade in SMP Joseph Khatulistiwa

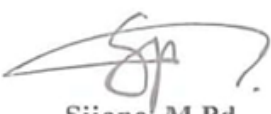
This Thesis has been approved by the advisors and has met the requirements and is considered feasible to be submitted to the Thesis examination committee.

Advisor I


Henry Elisa, M.Pd
NIDN.1131018703

Sintang, May 21st 2026

Advisor II


Siiono, M.Pd
NIDN.1115028901

Approved by:
The Dean of STKIP Persada Khatulistiwa



Didin Syafuruddin, S.P., M.Si
NIDN.1107066603

RATIFICATION

A thesis entitled “The Effect of Semantic Mapping Technique on Students’ Vocabulary Mastery at Eighth Grade in SMP Joseph Khatulistiwa” arranged by:

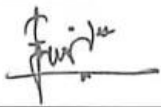
Name : Yeni Mariani. L

Student ID : 220607184

Study Program : English language Education

Defended before the board of examiners on May 29th 2026 and declared acceptable

Board of Examiners

No	Name	Occupation	Sign
1	Ferdinanda Itu Meo, M.Pd.	Chairman	
2	Henry Elisa, M.Pd.	Secretary	
3	Tuti, M.Pd.	Member of Examiner I	
4	Sijono, M.Pd.	Member of Examiner II	

Acknowledged by:
The Dean of STKIP Persada Khatulistiwa Sintang



Didit Syafruddin, S.P., M.Si

NIDN. 1102066603

STATEMENT OF AUTHORSHIP

Except where references are made in the text of the thesis, this thesis contains no material published elsewhere or extracted in whole or in part from a thesis or any degree or diploma.

No other person's work has been used without due acknowledgement in the main text in the thesis.

This thesis has not been submitted for the award of any degree of diploma in any other tertiary institution.

All research procedure reported in this thesis were approved by the writer's advisors and did not break faculty or university research ethics.

Sintang, May 29th, 2026

Yeni Mariani. L

MOTTO

I can do all things through Christ who strengthens me.

For with God nothing shall be impossible

(Philippians 4:13 and Luke 1:37)

DEDICATION

This thesis stands as a reflection of the love, guidance and endless support that the writer received. Therefore, the writer dedicates this thesis to:

1. To God Almighty, for His endless blessings, guidance, strength, and love throughout my journey in completing this thesis.
2. To my beloved parents, Mr. Robertus and Mrs. Bernadetha, for their unconditional love, prayers, endless support, sacrifices, and encouragement in every step of my life.

ACKNOWLEDGEMENT

Praise be the goodness of God Almighty, the Most Gracious and Most Merciful, for His endless blessings, guidance, and good health, which have enabled the writer to complete this thesis entitled "The Effect of Semantic Mapping Technique on Students' Vocabulary Mastery at Eight Grade in SMP Joseph Khatulistiwa". This thesis presents the results of a research study aimed at enhancing students' speaking skills through visual learning, particularly by using semantic mapping. It is submitted as a practical fulfillment of the requirements for the attainment of the Sarjana Pendidikan degree in English language study program. The writer sincerely acknowledges that thesis would not have been possible without the support, guidance, and valuable input from various parties. Therefore, the writer would like to express sincere gratitude to:

1. Dr. Drs. Y.A.T Lukman Riberu, M.Si. as the head of the Perkumpulan Badan Pendidikan Karya Bangsa who has provided the opportunity for writer to pursue education and acquire knowledge at STKIP Persada Khatulistiwa Sintang.
2. Didin Syafruddin, S.P.,M.Si. as the head of STKIP Persada Khatulistiwa who is always dedicated to the progress of STKIP Persada Khatulistiwa Sintang.
3. The chair of English language education study program, Sijono, M.Pd. and all the lectures for their guidance, knowledge, and encouragement during the research process.
4. Henry Elisa, M.Pd. as the first advisor and Sijono, M.Pd. as the second advisor
5. In conclusion, the writer wants to express appreciation to everyone who helped the writer complete this thesis.

Sintang, May 29th, 2026

Yeni Mariani. L

ABSTRACT

Yeni Mariani. L. 2026. The Effect of Semantic Mapping Technique on Students' Vocabulary Mastery at Eighth Grade in SMP Joseph Khatulistiwa. Thesis, English Language Education Study Program of STKIP Persada Khatulistiwa. Advisor I: Henry Elisa, M.Pd. Advisor II: Sijono, M.Pd.

Keywords: semantic mapping, vocabulary mastery, students respond

Vocabulary mastery is a fundamental component of English language learning because it supports students in developing their language skills however, many students still experience difficulties in acquiring and using vocabulary effectively, highlighting the need for appropriate instructional techniques. The objectives of this research are to determine the effect of the Semantic Mapping technique on students' vocabulary mastery and to investigate students' responses toward the use of the technique in vocabulary learning. This research employed a quantitative method with a pre-experimental design using a one-group pre-test and post-test design. The research was conducted at SMP Joseph Khatulistiwa involving eighth-grade students as the research subjects. The data were collected through vocabulary tests and questionnaires. The vocabulary test assessed four aspects of vocabulary mastery, namely quantity, meaning, spelling, and pronunciation. The data were analyzed using descriptive statistics and a paired sample *t*-test through SPSS version 25. The results showed that students' mean score improved from 67.31 in the pre-test to 78.37 in the post-test, indicating an improvement of 11.06 points. The paired sample *t*-test result showed a significance value of $0.001 < 0.05$ and a *t*-count value of $4.482 > \text{the } t\text{-table value of } 2.179$, indicating a significant effect of the Semantic Mapping technique on students' vocabulary mastery. Furthermore, the questionnaire results showed positive student responses, with motivation obtaining 78.1%, interest 76.5%, understanding 81.5%, and usefulness 74.6%. Based on these findings, it can be concluded that the Semantic Mapping technique was effective in improving students' vocabulary mastery and generated positive perceptions toward vocabulary learning. The findings of this research are expected to serve as a reference for English teachers in selecting effective vocabulary teaching techniques and provide insights for future research in English language education.

TABLE OF CONTENT

APPROVAL SHEET	ii
RATIFICATION.....	ii
STATEMENT OF AUTHORSHIP	iii
MOTTO	v
DEDICATION.....	vi
ACKNOWLEDGEMENT.....	vii
ABSTRACT	viii
TABLE OF CONTENT.....	ix
LIST OF TABLES	xii
LLIST OF FIGURES.....	xiii
LIST OF APPENDICES	Error! Bookmark not defined.
CHAPTER I INTRODUCTION.....	1
A. Research Background	1
B. Research Formulation	5
C. Research Purposes	5
D. Research Significance	5
E. Hypothesis	8
F. Terminology	8
CHAPTER II LITERATURE REVIEW.....	11
A. The Nature of Vocabulary	11
1. Definition of Vocabulary Mastery	13

2. Purpose of Vocabulary.....	16
3. Types of Vocabulary.....	19
4. Teaching Vocabulary	22
5. Aspect of Vocabulary	24
B. General Semantic Mapping Techniques.....	27
1. The Purpose of Semantic Mapping.....	30
2. Advantages of the Semantic Mapping Technique	32
3. Disadvantages of the Semantic Mapping Technique.....	34
4. Teaching Vocabulary Mastery Through Semantic Mapping...	36
C. Teaching Vocabulary at Eight Grade in Junior High School.....	37
D. Related Study.....	39
E. Framework.....	42
CHAPTER III RESEARCH METHODOLOGY	46
A. Research Design	46
B. The Subject of Study	48
1. Population	49
2. Sample	49
C. Variable of Study.....	50
1. Independent Variable	51
2. Dependent Variable	52
D. Data Collection Technique and Instrumentation.....	53
1. Data Collection Technique	54
2. Instrumentation	58

E. Data analysis.....	63
1. Analysis of Vocabulary Test	64
2. Statical Hypothesis	66
3. Analysis of The Questionnaire	68
CHAPTER IV FINDING AND DISCUSSION	71
A. Finding.....	71
1. Research Implementation	71
2. Validity and Reliability of the Instrument	76
3. Research Results	73
B. Discussion.....	92
a. Discussion of statistical analysis.....	92
b. Discussion of questionnaire result	94
CHAPTER V CONCLUSION AND SUGGESTION	97
A. Conclusion.....	97
B. Suggestion	99
REFERENCE	101
APPENDICES	106

LIST OF TABLES

Tables	Pages.
3.1 Scoring Rubric of Vocabulary Mastery	59
3.2 Main Score Qualification of Vocabulary Mastery	60
3.3 Classification of Questionnaire Items	70
3.4 Interpretation of Percentage	70
4.1 Study Schedule.....	73
4.2 Reliability Test Result.....	77
4.3 Descriptive of Pre-Test and Post-Test.....	78
4.4 The Normality Test Result	80
4.5 Paired Sample T-Test Result.....	82

LIST OF FIGURES

Figures	Pages.
2.1 Conceptual Framework	45
3.1 The Illustration of Study Design	48
4.1 Percentage Distribution of Pre-Test Scores.	89
4.2 Percentage Distribution of Post-Test Scores.....	90
4.3 The Effect of Semantic Mapping.	94

LIST OF APPENDICES

Appendices	Pages.
1. Research Permission.....	106
2. Lesson Plan.....	107
3. Pre-Test Worksheet	115
4. Student 1 Pre-Test Result	116
5. Student 2 Pre-Test Result	117
6. Student 3 Pre-Test Result	118
7. Student 4 Pre-Test Result	119
8. Student 5 Pre-Test Result	120
9. Post-test Worksheet.....	121
10. Student 1 Post-Test Result	122
11. Student 2 Post-Test Result	123
12. Student 3 Post-Test Result	124
13. Student 4 Post-Test Result	125
14. Student 5 Post-Test Result	126
15. Students Pre-Test Raw Score	127
16. Students Post-Test Raw Score.....	128
17. Students' Pre-Test and Post-Test Score	129
18. Questionnaire Post-Test Student 1	130
19. Questionnaire Post-Test Student 2	132
20. Questionnaire Post-Test Student 3	134
21. Questionnaire Post-Test Student 4	136

22. Questionnaire Post-Test Student 5	138
23. Analysis of the Post-Test Questionnaire	140
24. Analysis of the Result Questionnaire Per-Category	141
25. Reliability Test	142
26. Normality Test (Pre-Test and Post-Test).....	143
27. Paired Sample T-Test	144
28. Documentations.....	145