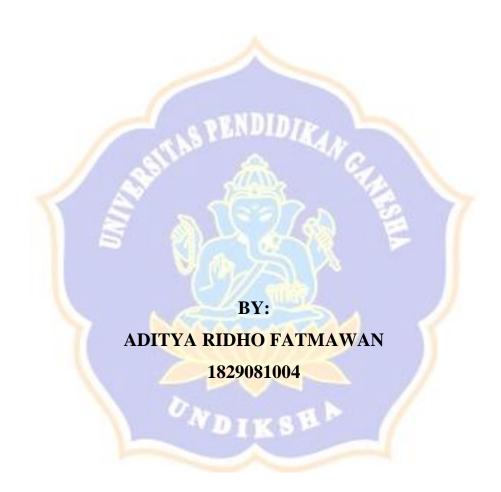
THE EFFECT OF PROJECT-BASED LEARNING ON CREATIVITY AND WRITING COMPETENCE IN SMP NEGERI 2 SAWAN IN ACADEMIC YEAR 2019/2020



ENGLISH LANGUAGE EDUCATION
POSTGRADUATE PROGRAM
GANESHA UNIVERSITY OF EDUCATION
SINGARAJA
2020

THE EFFECT OF PROJECT-BASED LEARNING ON CREATIVITY AND WRITING COMPETENCE IN SMP NEGERI 2 SAWAN IN ACADEMIC YEAR 2019/2020

THESIS

Presented to
Ganesha University of Education
In Partial Fulfillment of the Requirements
For Master Degree in Education
English Education Study Program

Aditya Ridho Fatmawan
NIM 1829081004

By

ENGLISH LANGUAGE EDUCATION
POSTGRADUATE PROGRAM
GANESHA UNIVERSITY OF EDUCATION
JUNE 2020

This thesis by Aditya Ridho Fatmawan has been revised and approved for Thesis Examinations

Singaraja, 1st of July, 2020

Supervisor I,

Prof. Dr. Ni Made Ratminingsih, M.A. NIP 196609801991022002

Supervisor II,

Dr. I Gede Budasi, M.Ed. NIP 195812311985031022

Master Thesis in Education: Language Education Study Program

Approved on: 9th of July, 2020

Supervisor I,

Prof. Dr. Ni Made Ratminingsih, M.A. NIP 196609801991022002

Supervisor II, Dr. I Gede Budasi, M Ed. NIP 195812311985031022 This thesis by Aditya Ridho Fatmawan has been successfully defended in front of the Board of Examiners and accepted as partial fulfillment of the requirements for the degree of Master in Education in English Education, Post Graduate Study Program, Ganesha University of Education.

Singaraja, 9th of July 2020



By Boad of Examiners

Chairman (Prof. Dr. Ni Nyoman Padmadewi, M.A.)

NIP 196202021988032001



Member (Prof. Dr. Ni Made Ratminingsih, M.A.) NIP 196609801991022002



Member (Dr. I Gede Budisi, M.Ed.) NIP 195812311985031022



Member (Prof. Dr. Luh Putu Artini, M.A.) NIP 1964071419881022001



Member (Dr. Ni Komang Arie Suwastini, S.Pd., M.Hum.) NIP 198004042003122001

Acknowledged by Director of Post Graduate Program



Telsh ditandetangani recern elektronik Prof. In: I touati Pusu sinkarra. M.Se NP: (Bartin Stenarrach) Crue : procuparteli reliniu ecal

Prof. Dr. I Gusti Putu Suharta, M Si NIP 196212151988031002



STATEMENT LETTER

I hereby honestly state that this Post-Graduate Thesis in Education that is written as partial requirement for the degree of Master in Education is my own work. All the information contained in this thesis which is derived from the work of others had been given an award by citing the name of the source authors correctly according to the academic norms, rules and ethics.

If it is discovered in the future that a portion of the whole thesis is not my original work or that there is a case of plagiarism, I willingly accept the consequences of my academic title withdrawal and other sanctions as postulated by Indonesian National Law.

Singaraja, 7 June 2020

RAI (and ent by

PROGRAME

6000

Aultya Ridho Fatmawan

NIM. 1829081004

ACKNOWLEDGEMENTS

The writer would like to express highest gratitude to Allah SWT for his blessing, because this thesis entitled "The Effect of Project-Based Learning on Creativity and Writing Competence in SMP Negeri 2 Sawan in Academic Year 2019/2020" could be accomplished in time.

The writer also would like to thank to a number of people who offered invaluable assistance, support, time, patience, guidance and suggestion during the accomplishment of this research paper:

- 1. Prof. Dr. Ni Made Ratminingsih, M.A. as the first supervisor, who had kindly given valuable guidance, inspiring ideas, advices, countless time, as well as motivations that help the writer a lot in finishing this research paper.
- 2. Dr. I Gede Budasi, M.Ed. as the second supervisor for the beneficial feedbacks, helpful advices in helping the writer a lot in finishing this thesis.
- 3. Prof. Dr. Ni Nyoman Padmadewi, M.A. as the coordinator of Postgraduate English Language Education Undiksha and the examiner of the thesis examination, who give valuable suggestions and motivations for the writer.
- 4. Prof. Dra. Luh Putu Artini, M.A., Ph.D. as the secretary coordinator of Postgraduate English Language Education Undiksha and the examiner of the thesis examination, for the guidance and cooperation in finishing the thesis requirement.
- 5. Dr. Ni Komang Arie Suwastini, S.Pd., M.Hum. as the examiner of the thesis examination, who inspired the writer for conducted a research in writing aspect, and also for the critical feedback given in the examination.
- 5. Dr. Ni Luh Putu Eka Sulistia Dewi, S.Pd., M.Pd. as the expert of creativity questionnaire, writing competence test and writing rubric in this thesis, who gives some advices and suggestions that help the writer in accomplished the thesis.

- 6. Dr. Ni Luh Putu Sri Adnyani, S.Pd., M.Hum. as the supervisor in similarity and plagiarism checker, who gives valuable guidance, initiative, advices, suggestions that help writer in finishing this thesis.
- 7. Gede Eddy Hartawan, S.Pd as the English teacher of SMP Negeri 2 Sawan who had given permission, information, hospitality, and kindness to the writer in the process of collecting data.
- 8. All of the Lecturers in Postgraduate English Language Education Undiksha who had supported and given uncountable guidance and invaluable knowledge to the writer during the campus life.

Finally, the writer hopes that this thesis can be useful and beneficial for the development of English language teaching-learning process. The writer really appreciated any constructive criticism, suggestion, and feedbacks which are needed for the improvement of this thesis.

Singaraja, 27 July 2020

Aditya Ridho Fatmawan

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	i
ABSTRACT	iii
TABLE OF CONTENTS	V
LIST OF TABLES	vii
LIST OF FIGURES	ix
LIST OF CHARTS	
LIST OF FORMULAS	X
LIST OF APPENDICES	xi
CHAPTER 1 INTRODUCTION	1
1.1 Research Background	1
1.2 Problem Identification.	8
1.3 Research Scope	
1.4 Research Problems	<u></u> 9
1.5 Research Objectives	
1.6 Research Significances	11
1.6.1 Theoretical Significance	11
1.6.2 Practical Significance	11
CHAPTER II REVIEW OF RELATED LITERATURE	
2.1 Theoretical Description	12
2.1.1 Creativity	12
2.1.2 Writing Competence	14
2.1.3 Steps in Writing	17
2.1.4 Project-Based Learning	18
2.1.5 Conventional Teaching Method	20
2.1.6 Steps of Project-Based Learning	22
2.1.7 Benefits of Using Project-Based Learning	24
2.1.8 Comparison between Project-Based Learning and Conventional Tea Method	_
2.2 Empirical Review	26
2.3 Conceptual Framework	30

2.3.1 The Effect of Project-Based Learning on Students' Creativity	.30
2.3.2 The Effect of Project-Based Learning on Students' Writing Competence	.31
2.3.3 Simultaneous Significant Effect of Project-Based Learning on Students' Writing Competency and Creativity	.32
2.4 Research Hypothesis	.33
CHAPTER III RESEARCH METHOD	. 34
3.1 Research Design.	. 34
3.2 Population and Sample	.36
3.2.1 Population	.36
3.2.2 Sample and Sampling Technique	
3.3 Research Variable	.38
3.3.1 Conceptual Definition of Dependent Variable	.38
3.3.2 Operational Definition of Dependent Variable	. 39
3.3.3 Conceptual Definition of Independent Variable	.40
3.3.4 Operational Definition of Independent Variable	.40
3.3.5 Conceptual Definition of Conventional Teaching	.41
3.3.6 Operational Definition of Conventional Teaching	.41
3.4 Meth <mark>od</mark> of Data Collection and Research Instruments	.41
3.4.1 Instrument	
3.4.1.1 Blueprint of Dependent Variable Instrument	. 44
3.4.1.2 Try-Out of Dependent Variable Instrument	
3.5 Method o <mark>f</mark> Data Analysis	
3.5.1 Descriptive Statistical Analysis	. 52
3.5.2 Prerequisite Analysis	.53
3.5.2.1 Normality Test	.53
3.5.2.2 Homogeneity Test	.54
3.5.2.3 Homogeneity of Variance/Covariance Matrix Test	. 54
3.5.3 Inferential Statistical Analysis	. 54
3.5.3.1 One-way Analysis of Variance (ANOVA)	. 54
3.5.3.2 Multivariate Analysis of Variance (MANOVA)	. 55
3.6 Statistical Hypothesis	. 55
CHAPTER IV FINDINGS AND DISCUSSIONS	.58
4.1 Research Findings	.58
4.1.1 Data Description	58

4.1.1.1 Data Description of Students' Creativity taught by Project-Based Lear (A1Y1)	
4.1.1.2 Data Description of Students' Creativity taught by Conventional Teaching (A2Y1)	61
4.1.1.3 Data Description of Students' Writing Competence taught by Project-Based Learning (A1Y2)	63
4.1.1.4 Data Description of Students' Writing Competence taught by Conventional Teaching (A2Y2)	65
4.1.2 Pre-Requisite Test	67
4.1.2.1 Normality Test Analysis	67
4.1.2.2 Homogeneity of Variance Test	68
4.1.2.3 Homogeneity of Variance/Covariance Matrix Test	70
4.1.3 Hypothesis Testing	70
4.1.3.1 The Effect of Project-Based Learning on Students' Creativity of 8 th grade students in SMP Negeri 2 Sawan	71
4.1.3.2 The Effect of Project-Based Learning on Students' Writing Competence of 8th Grade Students in SMP Negeri 2 Sawan	72
4.1.3.3 The Simultaneous Effect of Project-Based Learning on Creativity and Writing Competence	
4.2 Discu <mark>ss</mark> ion	75
4.3 Implication	83
CHAPTER V CLOSURE	86
5.1 Summary	86
5.2 Conclusion and Suggestion	88
REFERENCES	90

LIST OF TABLES

Table 2.1	Learning Steps of Project-Based Learning
Table 2.2	Comparison between Project-Based Learning and
	Conventional Teaching Method in the Learning Process 25 $$
Table 3.1	Constellation of Post-Test only Control Group Design 35
Table 3.2	Population of Research
Table 3.3	The Distribution of Research Sample
Table 3.4	The Blueprint of Post-tests. 45
Table 3.5	The Level of Content Validity
Table 3.6	The Level of Reliability
Table 3.7	The Level of Reliability50
Table 3.8	The Guidelines of Data Conversion
Table 4.1	Descriptive Statistics of The Data
Table 4.2	The Categorization of Mean Score of Students' Creativity
	taught by Project-Based Learning (A1Y1)61
Table 4.3	The Categorization of Mean Score of Students' Creativity
	taught by Conventional Teaching (A2Y1)
Table 4.4	The Categorization of Mean Score of Students' Writing
	Competence taught by Project-Based Learning (A1Y2) 64
Table 4.5	The Categorization of Mean Score of Students' Writing
	Competence taught by Conventional Teaching (A2Y2) 66
Table 4.6	The Normality of Data Distribution
Table 4.7	The Homogeneity of Variance of Students' Creativity 69
Table 4.8	The Homogeneity of Variance of Students' Writing
	Competence
Table 4.9	The Homogeneity of Variance/Covariance Matrix Test 70
Table 4.10	The Hypothesis Testing I Using One-way ANOVA 71
Table 4.11	The Hypothesis Testing II Using One-way ANOVA
Table 4.12	The Hypothesis Testing III Using MANOVA

LIST OF FIGURES

Figure 2.1	Steps in Writing	17
Figure 2.2	Syntaxes of Project Based Learning	22



LIST OF CHARTS

Chart 4.1 The Mean Score of Students' Creativity	63
Chart 4.2 The Mean Score of Students' Writing Competence	66



LIST OF FORMULAS



LIST OF APPENDICES

Appendix 1.	Creativity Questionnaire (Before Revision)	98
Appendix 2.	Creativity Questionnaire (After Revision)	103
Appendix 3.	Expert Judgement Sheet for Creativity Questionnaire	
	(Prof. Ratminingsih)	107
Appendix 4.	Expert Judgement Sheet for Creativity Questionnaire	
	(Dr. Eka Sulistia)	108
Appendix 5.	Blueprint and Writing Competence Test (Before Revision)	110
Appendix 6.	Blueprint and Writing Competence (After 1 st Revision)	114
Appendix 7.	Blueprint and Writing Competence (After 2 nd Revision)	118
Appendix 8.	Expert Judge for Writing Competence Test	
	(Prof. Ratminingsih)	122
Appendix 9.	Expert Judge for Writing Competence Rubric	
	(Prof. Ratminingsih)	124
Appendix 10.	Expert Judge for Writing Competence Test 1st Revision	126
Appendix 11.	Expert Judge for Writing Competence Rubric 1st Revision	
	(Dr. Eka Sulistia)	128
Appendix 12.	Expert Judge for Writing Competence Test 2 nd Revision	
	(Dr. Eka S <mark>ulistia)</mark>	130
Appendix 13.	Expert Judge for Writing Competence Rubric 2 nd Revision	
	(Dr. Eka Sulistia)	132
Appendix 14.	Lesson Plan for Try-Out	134
Appendix 15.	Lesson Plan for Experimental Group	149
	Lesson Plan for Control Group	
Appendix 17.	Results of Creativity Questionnaire in Try-Out	178
Appendix 18.	Results of Creativity Questionnaire in Experimental Group	179
Appendix 19.	Results of Creativity Questionnaire in Control Group	.180
Appendix 20.	Results of Project-Based Learning in Try-Out	181
Appendix 21.	Results of Project-Based Learning in Experimental Group	182
Appendix 22.	Results of Conventional Teaching in Control Group	183
Appendix 23.	Examples of Project in Project-Based Learning (Try-Out)	184

Appendix 24.	Examples of Project in Project-Based Learning	
	(Experimental Group)	185
Appendix 25.	Examples of Project in Conventional Teaching	
	(Control Group)	186
Appendix 26.	Attachment Letters	187
Appendix 27.	Documentation	188

