Universitas Katolik Santo Thomas

Repositori Unika Santo Thomas

http://eprints.ust.ac.id

Fakultas Keguruan dan Ilmu Pendidikan (FKIP) Program Studi Pendidikan Bahasa Inggris **Undergraduate Papers**

Tania, Sinta Bella

2024

The Influence of Project-Based Learning on Students Report Text Writing Among Eighth Grade Students at SMP Swasta Primbana in 2023/2024 Academic Year

http://eprints.ust.ac.id/id/eprint/146

Downloaded from Repositori Institusi UST, Universitas Katolik Santo Thomas

THE INFLUENCE OF PROBLEM-BASED LEARNING ON STUDENTS' REPORT TEXT WRITING AMONG EIGHTH GRADE STUDENTS AT SMP SWASTA PRIMBANA IN 2023/2024 ACADEMIC YEAR

A THESIS



PENDIDIKAN BAHASA INGGRIS FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN UNIVERSITAS KATOLIK SANTO THOMAS MEDAN 2024

THE INFLUENCE OF PROBLEM-BASED LEARNING ON STUDENTS' REPORT TEXT WRITING AMONG EIGHTH GRADE STUDENTS AT SMP SWASTA PRIMBANA IN 2023/2024 ACADEMIC YEAR

ATHESIS

BY

STUDENT NUMBER: 200930017

Approved by

Consultant

Consultant

Meikardo Samuel Prayuda, S.Pd., M.Pd. NIDN. 0109059301 Fiber Yun Almanda Ginting, S.Pd., Pd

NIDN. 0126068804

A CANOUN SANDONIA

ENGLISH EDUCATION STUDY PROGRAM
FACULTY OF TEACHERS TRAINING AND EDUCATION
UNIVERSITAS KATOLIK SANTO THOMAS
MEDAN
2024

APPROVAL

This thesis was examined by Board of Examiners on 29 August 2024 and declared acceptable

Board of Examiner

Examiner 1 : Drs Viator Lumban Raja, M.Pd

NIDN: 8940500020

Examiner 2 : Jontra Jusat Pangaribuan, M.Pd

NIDN: 0128088901

Examiner 3 : Meikardo Samuel Prayuda, S.Pd., M.Pd

NIDN: 0109059301

Examiner 4 : Fiber Yun Almanda Ginting, M.Pd

NIDN: 0126068804

Chairperson/Plt. Dean of Secretary/ Plit Head of English
Training and Education Faculty Language English Education Study

Approved By,

Program

Regina Sipayung, SPd., M.Pd

NIDN: 0117016501

Fiber Yun Almanda Ginting S.Pd., M.Pd

NIDN: 0126068804

ABSTRACT

This study investigates the effectiveness of Problem-Based Learning (PBL) in enhancing English proficiency among eighth-grade students at SMP Swasta Primbana, comparing it to traditional instructional methods. A quasi-experimental design was employed, involving 60 students divided into experimental and control groups. The experimental group participated in PBL sessions, while the control group received traditional instruction. Pre-test and post-test assessments were conducted to measure students' English proficiency. The results indicate that students in the PBL group showed significantly greater improvement in their posttest scores compared to the control group, with a large effect size (Cohen's d = 0.89) highlighting the educational significance of the findings. Pearson correlation analysis revealed strong positive correlations between pre-test and post-test scores in both groups, underscoring the reliability and consistency of the test measures. Additionally, the Shapiro-Wilk test confirmed that the data followed a normal distribution, validating the use of parametric tests. Paired T-tests demonstrated statistically significant improvements in both groups, but the PBL group experienced a larger mean increase in scores, indicating the superior effectiveness of PBL. An independent samples T-test further supported these findings, showing that the PBL group's post-test scores were significantly higher than those of the control group. The study concludes that PBL is a more effective instructional approach for improving English proficiency among middle school students than traditional methods. These findings suggest that incorporating PBL into the curriculum could lead to better educational outcomes and provide a strong empirical basis for its broader adoption in language learning contexts. Future research is recommended to explore the long-term effects of PBL, its applicability across different subjects and student populations, and its integration with technology-enhanced learning tools.

Keywords: Problem-Based Learning (PBL); English proficiency; Traditional instruction; Quasi-experimental design; Language learning

TABLE OF CONTENT

CHAPT	ER I	7
INTRODUCTION		7
1.1	Research Backround	7
1.2	Problems Identification	8
1.3	Research Scope	9
1.4	Problem Formulation	9
1.5	Reearch Objective	9
1.6	Research Significants	
1.7	Research Hypotheses	10
СНАРТ	ER II	11
LITERA	ATURE REVIEW	11
2.1	Problem-Based Learning (PBL) in Education	11
2.2	PBL and Language Education	15
2.3	Contextual Factors in Language Education	19
2.4	Teacher Roles and Professional Development	23
2.5	Assessment and Evaluation in PBL	26
CHAPTER III		
RESEARCH METHOD		29
3.1 Research Design		
3.2 Research Location and Time		30
3.3 Research Population and Sample		30
3.4 Research Instruments		31
3.5 Re	esearch Validity and Reliability	33
3.6 Research Procedure		
СНАРТ	CHAPTER IV	
DATA A	DATA ANALYSIS AND FINDINGS	
4.1	Data Analysis	35
4.1.	1 Control Group	36
4.1.	•	
4.1.		
4.1.	·	

4.1.5	Testing Hypotheses	42
4.2 Fi	ndings and Discussion	44
4.2.1	Improvement in Student Performance	44
4.2.2	Comparative Effectiveness of PBL and Traditional Instruction	45
4.2.3	Validity and Reliability of the Results	46
4.2.4	Normality of Data Distribution	47
CHAPTER	V	48
CONCLUS	ION AND SUGGESTION	48
5.1 Concl	usion	49
5.2 Sugge	stion	50
BIBLIOGR	APHY	52



BIBLIOGRAPHY

- Alves, A. C., Sousa, R. M., Fernandes, S., & ... (2016). Teacher's experiences in PBL: implications for practice. *European Journal* https://doi.org/10.1080/03043797.2015.1023782
- Chen, J., Kolmos, A., & Du, X. (2021). Forms of implementation and challenges of PBL in engineering education: a review of literature. *European Journal of Engineering* https://doi.org/10.1080/03043797.2020.1718615
- Dole, S., Bloom, L., & Doss, K. K. (2017). Engaged learning: Impact of PBL and PjBL with elementary and middle grade students. *Journal of Problem-Based Learning*. https://docs.lib.purdue.edu/ijpbl/vol11/iss2/9/
- Fitriyanti, F., Farida, F., & Zikri, A. (2020). Peningkatan sikap dan kemampuan berpikir ilmiah siswa melalui model PBL di sekolah dasar. *Jurnal Basicedu*. https://jbasic.org/index.php/basicedu/article/view/376
- Hung, W. (2016). All PBL starts here: The problem. *Interdisciplinary Journal of Problem-Based Learning*. https://docs.lib.purdue.edu/ijpbl/vol10/iss2/2/
- Ismail, N. S., Harun, J., Zakaria, M., (2018). The effect of Mobile problem-based learning application DicScience PBL on students' critical thinking. *Thinking Skills* https://www.sciencedirect.com/science/article/pii/S1871187118300105
- Kek, M., & Huijser, H. (2016). Problem-based learning into the future: Imagining an agile PBL ecology for learning. Springer. https://doi.org/10.1007/978-981-10-2454-2
- Liu, X. (2020). Key Teacher Attitudes for Sustainable Development of Student Employability by Social Cognitive Career Theory: The Mediating Roles of Self-Efficacy and Problem-Based Learning. *Frontiers in Psychology*, *11*. https://doi.org/10.3389/fpsyg.2020.01945
- Martinez-Rodrigo, F., (2017). Using PBL to improve educational outcomes and student satisfaction in the teaching of DC/DC and DC/AC converters. *IEEE Transactions* https://ieeexplore.ieee.org/abstract/document/7817795/
- Masalah, P., Ikarihayati, M., Purnomo, Y. W., & Pamenan, M. S. (2023). Pengaruh Penerapan Problem Based Learning Berbantuan Augmented Reality terhadap Kemampuan Pemecahan Masalah Matematika. *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, *12*(3), 2833–2846. https://doi.org/10.24127/AJPM.V12I3.7027
- Mataka, L. M., & Kowalske, M. G. (2015). The influence of PBL on students' self-efficacy beliefs in chemistry. *Chemistry Education Research* https://pubs.rsc.org/en/content/articlehtml/2015/rp/c5rp00099h
- Odell, M. R. L., Kennedy, T. J., & Stocks, E. (2019). The impact of PBL as a STEM school reform model *of Problem-Based Learning*. https://scholarworks.iu.edu/journals/index.php/ijpbl/article/view/28204

- Skinner, V., Braunack-Mayer, A. J., & Winning, T. J. (2015). *The purpose and value for students of PBL groups for learning*. ro.uow.edu.au. https://ro.uow.edu.au/sspapers/3780/
- Yunitasari, I., & Hardini, A. T. A. (2021). Penerapan Model PBL untuk Meningkatkan Keaktifan Peserta Didik dalam Pembelajaran Daring di Sekolah Dasar. *Jurnal Basicedu*. http://www.jbasic.org/index.php/basicedu/article/view/983

