

Using Padlet on Students' Writing Skill as The Essential Effect

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Abstract

This research is aimed to find out the effectiveness of using Padlet on students' writing skill at eleventh grade of SMK Karya Pembaharuan Bekasi. This research used quantitative approach with experiment method. Total sample that used were 46 students with 23 students from XI TJK 1 who were given the treatment by using Padlet as experiment class and 23 students of XI Pemasaran as control class. The sample were taken by using cluster random sampling. The dependent variable in this research is writing skill and independent variable is Padlet. According to the calculation, it was obtained that the mean of students' learning result with using Padlet in experiment class had the score of mean 81.6, median 81.6, modus 81.5, and standard deviation 2.62. Meanwhile, the students' learning result in control class had the score of mean 79.76, median 80.17, modus 82, and standard deviation 2.91. Based on the hypothesis test, it was obtained the result of t count = 4.267 > t table = 1.680. Therefore, it was obtained the conclusion that H_0 is rejected and H_1 is accepted. The conclusion of this research is that there is the effectiveness of using Padlet on students' writing skill in SMK Karya Pembaharuan at eleventh grade.

Kata kunci: Effectiveness, Padlet, Writing Skill.

1 INTRODUCTION

Writing is an activity to express or describe a thought that is poured into writing form. In writing activities at school, students are trained in making essays, stories, short messages, and other types of text.

Writing is a way to communicate to others through paper or through a computer screen. Writing is a kind of talent, but it's mostly a skill, it improves with practice like another skill. Writing is also an action which has a process such as discovering and organizing ideas, putting them on paper, and reshaping and revising them (Meyers, 2005). Writing activity is not just write anything about what we think but we also need to attend more about the grammar structure, correct organization, appropriate vocabulary and good writing mechanics.

Padlet provide a free multimedia friendly wall which can be used to encourage real time whole class participation and assessment. Padlet was a very useful applications, especially in online learning because Padlet is an online whiteboard that made it easy for teachers and students to study remotely. Each user could be write freely in expressing ideas, sending pictures, videos, documents etc. This Padlet application could be used for collaboration media between students as well as between teachers and students because they could respond to each other.

Writing is one of language skills which can't be separated in our daily life. We use this skill continuously to do many things. It is an important component not only in education, but also in life especially for those people who do not know how to express their feeling verbally, so they use words and letters to share their feelings, ideas, and thoughts.

According to Nunan, "The nature of writing can also be defined as physical and mental activity that is aimed to express and impress. It can be categorized into physical activity

because a writer is required to be able to do the act of committing words or ideas. As a mental activity, the activities of writing focus more on the act of inventing ideas, thinking about how to express and organize them into clear statements and paragraphs that a reader can understand easily about the ideas of the written works (Nunan, 2003).

Writing becomes more complex because it does not only put the idea into a paper. The writer must be able to structure and integrate information into cohesive and coherent paragraph and text. It must convey the meaning of what the writer wants to say. Brown writes that "Writing is a written product of thinking, drafting and revising that require specialized skills on how to generate ideas, how to organize them correctly, how to use discourse markers and rhetorical conventions to put them cohesively into a written text, how to revise text for clearer meaning and how to edit text for appropriate grammar and how to produce a final project (Brown, 2000).

Based on Jacobs there are some aspects of writing that should be considered by the writers. These aspects will determine whether our writing product is good or not. There are content, organization, grammar, mechanics, vocabulary (Jacob, 1981).

(1) Content, consist of two parts, are unity and completeness. A good reader able to focus on some words or sentences which shows the unity and completeness of the text so that the reader easily understand the meaning of it.

(2) Organization, is correlate with coherence. A text can be classify as organize if one sentence to another sentence to be continue. It means that the point of message is not break.

(3) Language Use/Grammar, Language use in writing consist of correct language and point of grammar. Grammar in English writing involve the use of subject, verb, adjective, adverb, and using right tense. A sentence with right grammar and tense will help reader to understand the meaning of the sentence.

(4) Mechanics, Some part which include in writing mechanism are capitalization, punctuation and spelling. Sentence with incorrect capitalization, punctuation or spelling can make the meaning of sentence also incorrect.

(5) Vocabulary, is related with choose right words. If a word put in wrong sentence so that the meaning of sentence also incorrect. The word have to match with the point of the text.

Padlet is an application to create an online bulletin board so that one can use it to display information for any topic. Herminawati also explain that "Padlet is an application that provides virtual walls and collaborative study spaces between teachers and students that can be accessed from any internet-enable device (Herminawati, 2022). This bulletin board is a great place to gather ideas of students share and discuss about the ideas. From the gather ideas, usually students can classify and determine the different of one idea and another idea.

Padlet can be accessed and created on a computer; Android and iPad apps available. When the Padlet application user has registered with his google account, the user can create as many "walls" or online bulletin boards as needed (Dollah, 2021). After registered, Students can study through Padlet anytime, anywhere, with internet-enabled devices such as smart phones, tablets, and computers with an internet connection (Syahrizal, 2020) Each participant can view, add, and rearrange content on the Padlet, including text, images, and links to web pages, videos, or other documents. Every user could to comment and give the reaction each other in Padlet wall.

2 RESEARCH METHODS

The researcher used quantitative approach in this research. Darmawan states that quantitative is a process to find the knowledge by using the data in the form of numeral as the finding tool of the information concern about what we want to know (Darmawan, 2014). The research design that was used in this research is experimental design by using

quasi-experimental. The experimental is a research method to find or prove the influence of a variable with other variables.

The quasi-experimental method is a method that was used as a comparison between the two groups. Both the experimental group and control group (Sabarwal, 2014). The researcher used quasi experimental method with non-equivalent control group design. The design is represented as follow (Sugiyono, 2007):

Table 2.1 Research Design			
Group	Pre-Test	Treatment	Post-Test
E	O	X	O
C	O		O ₄

Note: E: Experiment Group, C: Control Group, O₁: Pre Test of Experiment Class, O₂: Post Test of Experiment Class, O₃: Pre Test of Control Class, O₄: Post Test of Control Class, X₁: Experiment Class (Using Padlet).

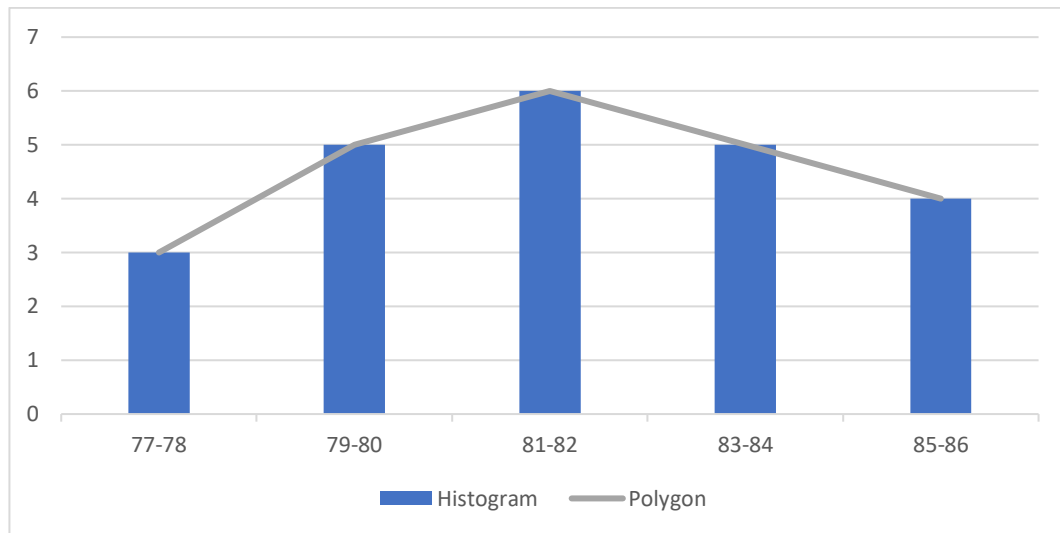
3 RESULT AND DISCUSSION

The result of data in this research obtained from instrument that prepared such as pre-test, treatment, and post-test. In this research conducted in two class. XI TJK 1 who were given the treatment by using Padlet as experiment class and XI Pemasaran as control class.

3.1 The Result of Research

There are 23 students as the sample data obtained results of by students' writing skill in experiment class with a range of score (77 - 86) with a mean is 81.6, median is 81.6, modus is 81.5 and standard deviation is 2.62. From the data obtained made a frequency distribution table, graph histogram and frequency polygon as follow:

Table 3.1 Frequency of Post-test Students Writing Skill in Experiment Class							
No	Interval	Frequency (F)	Xi	Fi.Xi	Xi ²	Fi.Xi ²	Limit
1	77 – 78	3	77.5	232.5	6006.5	18018.75	76.5– 78.5
2	79 – 80	5	79.5	397.5	6320.25	31601.25	78.5-80.5
3	81 – 82	6	81.5	489	6642.25	39853.5	80.5-82.5
4	83 – 84	5	83,5	417.5	6972.25	34861.25	82.5-84.5
5	85 – 86	4	85.5	342	7310.25	29241	84.5-86.5
Total		23		1878.5		153575.75	

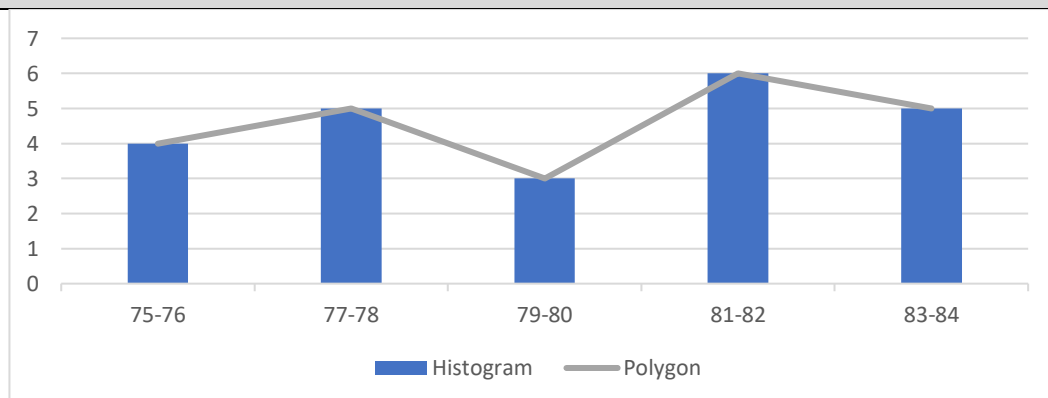


Picture 3.1 Histogram and Polygon of Post-Test Student's Writing Skill in Experiment Class

Based on the graph above shows that the score with highest frequency is interval 81 - 82. The score with lowest frequency is interval 77 - 78. There are 23 students as the sample data obtained results of by students' writing skill in control class with a range of score (75 - 84) with a mean is 79.76, median is 80.17, modus is 82 and standard deviation is 2.91. From the data obtained made a frequency distribution table, graph histogram and frequency polygon as follow.

Table 3.2 Frequency of Post-test Students Writing Skill in Control Class

No	Interval	Frequency (F)	Xi	Fi.Xi	Xi ²	Fi.Xi ²	Limit
1	75 - 76	4	75.5	302	5700.25	22801	74.5-76.5
2.	77 - 78	5	77.5	387.5	6006.25	30031.25	76.5-78.5
3	79 - 80	3	79.5	238.5	6320.25	18960.75	78.5-80.5
4	81 - 82	6	81.5	489	6642.25	39853.5	80.5-82.5
5	83 - 84	5	83.5	417.5	6972.25	34861.25	82.5-84.5
Total		23		1834.5		146507.75	



Picture 3.2 Histogram and Polygon of Post-Test Student's Writing Skill in Control Class
Based on the graph above shows that the score with highest frequency is interval 81 - 82. The score with lowest frequency is interval 79 - 80. Based on the calculation of $t = 4.276$, if consulted with t table significant = 0.05 and $df = 23 + 23 - 2 = 44$ obtained by means of $t_{\text{count}} > t_{\text{table}}$ or $4.267 > 1.680$.

The research finding is there is the effectiveness of using Padlet on students' writing skill, it can be seen from the different score between post-test of experimental class and control class. The score of post-test in experiment class is higher than score of post-test in control class. The difference score of post-test between both is 43, with a total score of post-test in experiment class is 1878 and mean is 81.67. Meanwhile, total score of post-test in control class is 1835 and mean is 79.76.

4 CONCLUSION

Based on the research, the results of students' writing skills in the experimental class those using Padlet were higher than students in the control class. It can be seen from the results of the post-test of the two classes. In other words, the use of Padlet is more effective in learning writing. There are several factors that make Padlet is more effective. The first, Students fell learning writing becomes more fun because Padlet has interesting features. Second, Students think that Padlet is very useful and helpful in learning writing because it allow them to interact with each other. The last, Student feel enjoyed using Padlet in learning writing because it easy to access and use.

The researcher conclude that, "There is the effectiveness of using Padlet on students' writing skill in learning teaching process at eleventh-grade of SMK Karya Pembaharuan Bekasi". Therefore, the alternative hypothesis (H1) is accepted and null hypothesis (H0) is rejected.

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