

THE EFFECT OF MAKING SUMMARY ON STUDENTS' WRITING ACHIEVEMENT OF OF THE STUDENTS OF SMA SWASTA MELATI BINJAI

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ABSTRACT

This research aims to know the effectiveness of making summaries in student achievement in writing and to find out if making a summary is able to improve student performance in writing in the grade ten students private high school Melati Binjai 2017/ 2018. In this study, apply the creation summary as an independent variable (X) and student learning achievement in writing as a dependent variable (Y), with hypotheses: there is a significant influence of the implementation of making summaries on achievements Students in writing in grade ten students from 2017/2018 grade ten from private SMA Melati Binjai. The population of this research is the XI-grade private high school student Melati Binjai in 2017/1988 consisting of 30 students. Samples taken using all sampling, the total sample is 30 students. Authors use tests as data collection instruments. Data is analyzed by using the test-t formula. Based on data analysis, it was found that the value T-observed (to) higher than the T-table value, (tobserved = 23.2 > Ttable = 2.04). Therefore, hypotheses submitted by the author are accepted. In other words, there is a significant influence of the implementation of making summaries on student achievement in writing.

Key Word : Making Summary and Writing Achievement

INTRODUCTION

Writing is one of the language skills that should be acquired in learning a language. It is deliberate act which leads the mind to do several things. For instance, writing contains some information that will be informed to readers. This means that the writer should have some knowledge to make the product of writing interesting. Writing also means a process of communication that conveys ideas and opinions in a written form which suggests that the writer and readers should have similar understanding of what is written. There will be confusion on the part of the readers if the ideas and opinions are not clearly described.

In fact, the majority of students usually refuse to write. It caused they do not know what to write. The writing skill is considered to be the most difficult of the language skills for Indonesian students. The first stage in learning language is by hearing it.

Not all of students writing in English to send a text. In spite of the fact that writing is very important, especially for Indonesian students who should master four language skills that have to be mastered since junior high schools, the writing skill is considered as a difficult assignment.

What makes writing so important : Writing is the primary basis upon which your work, your learning, and your intellect will be judged-in college, in the workplace, and in the community. Writing expresses who you are as a person. Writing promotes your ability to pose worthwhile questions. Writing helps others give you feedback. Writing is an essential job skills. Their results of English assignment were not as good as the other English language skill results.

There are still many reasons why writing English is difficult. "There are many peoples cannot write. They feel confused when they have to write because they do not even know how to get started to write P. Elbow & P. Belanoff. *Being A Writer: A Community of Writers Revisited*. (New York: McGraw Hill Higher Education, 2003) p. 81. . Getting started to write can be very difficult J.D. Day. *Teaching Summarization Skills: A Comparison of Training Methods*. (Unpublished doctoral dissertation, University of Illinois, Urbana, 2001) p. 27.

Based on the first observation that the writers has done, these conditions happened in Class X students of SMA Swasta Melati in Binjai. This problem is caused by lack of willingness to learn, learning time is very less, and learning the wrong way. Another problem comes from the teacher used a conventional technique in the teaching process.

The objective of this study is to find out whether using making summary affects on the students' writing achievement of 2017/2018 Tenth Grade Students of SMA Swasta Melati Binjai.

METHOD

This study was conducted at SMA Swasta Melati Binjai in Academic Year 2017/2018. Author choosed this school for research location because it has never done this research. The implementation plan of this research was conducted in the first semester of the academic year 2017/2018.

Method selected in accordance with the purpose of the study, every researcher needs identified whether the data held fulfill the basic assumptions that must be met each technique, the early stages are further refine the selection (screening) of data, which identify behavioral data, the presence or absence of extreme values (outliers), the complete absence data and statistical description of the data they hold.

Population is the object to be examined. The population in this study is all students of class X of SMA Swasta Melati Binjai in Academic Year 2017/2018 as many as 60 students from 2 Classes can be seen in the following table:

Table 1. The Population of Study

No.	Class	Total Students
1.	X-A	30 Students
2.	X-B	30 Students
		60 Students

The sample is a sample or a portion of the population. Suharsimi Arikunto reveal "when the subject is less than 100, better taken all that research is population research, Furthermore, if a large number of subjects can be taken between 10-15% or 20-25% or more." So the researchers takes samples of this research is that there are students in class X-A and X-B, can be seen in the following table :

Table 2. The Sample of Study

No.	Class	Categories	Total Students
1.	X-A	Experiment Class	30 Students
2.	X-B	Control Class	30 Students
		TOTAL	60 Students

a) Independent Variables

Independent variables are variables that affect. The independent variables in this study is Scanning Technique, with the code (X).

b) Dependent Variable

The dependent variable is the variable that is affected or which investigated the relationship. In this study were used as the dependent variable is Reading Comprehension, the code (Y).

The writer were used the test to collect the data. The test was given to control and experiment class. The test in the control class has done in order to know the basic ability students in reading comprehension without using metode technique, and the test in experiment class was given in order to know the influence and the effectiveness of using Scanning Technique on students achievement of reading comprehension.

To obtain optimal data more accurate, the writer using the test in this study as a research instrument. The test used is a multiple choice about reading as many 20 item test. If one question is true, so the score is 5. And if all the questions are true, so the score is 100.

To calculate the significant influence of the application of scanning technique on the students reading comprehension ability, then test the difference between two average that the t test one hand, the right hand with the formula t test. t test were used for the variance between the two groups to say homogeneous as follows :

$$t_{\text{count}} = \frac{X_e - X_k}{s \sqrt{\frac{1}{n_e} + \frac{1}{n_k}}}$$

$$\text{with } S_{\text{gab}} = \frac{(n_e - 1)S_e^2 + (n_k - 1)S_k^2}{n_e + n_k - 2}$$

If the heterogeneous said the formula used is as follows:

$$t_{\text{count}} = \frac{X_1 - X_2}{\sqrt{\frac{S_1^2}{n_1} + \frac{S_2^2}{n_2}}}$$

$$t_{\text{table}} = \frac{\left(\frac{S_1^2}{n_1}\right)t_1 + \left(\frac{S_2^2}{n_2}\right)}{\left(\frac{S_1^2}{n_1} + \frac{S_2^2}{n_2}\right)}$$

description :

- X_1 = average score pretest results
- X_2 = average posttest score results
- S_e^2 = Average pretest results

S_k^2 = Average posttest results
 S_{gab} = standard deviation of the combined
 n_1 = number of group members pretest
 n_2 = number of group members posttest

t ratio calculation results further confirmed the value $t_{critics}$ at 5% significant level of freedom $df = n_1 + n_2 - 2$ then $t_{table} = t ((1-1 / 2 \alpha) (dk))$. Criteria testing accept H_a if $t_{count} > t_{table}$. Value t with significance level of 5% or 0.05.

RESULT AND DISCUSSION

This research was conducted at SMA Swasta Melati Binjai using experimental research methods, where the techniques used in data collection control class and experimental class. Before students are given the material, the first students were given a test as a measure of students' basic ability on reading comprehension.

Class	N	Mean	Std. Deviation
Control Class	30	55,833	6,706
Experimental Class	30	81,5	3,748

From table above, the researcher analyzed the data and the mean score of control class is 55,833 while the standard deviation value in the control class is 6,706 and the mean score of Experimental class is 81,5 while the standard deviation in the experimental class is 3,748.

Testing homogeneity is about equal variances least two or more distributions. Homogeneity test which will be discussed in this paper is a test of homogeneity of variance and test burlett. Homogeneity test is done to determine whether the data in the variables X and Y are homogeneous or not.

To test whether the two groups of homogeneous, the following statistical formula used is:

$$\begin{aligned}
 F_{count} &= \frac{S_1^2}{S_2^2} \\
 &= \frac{6,706^2}{3,478^2} \\
 &= \frac{44,970}{14,047} \\
 &= 3,201
 \end{aligned}$$

Based on the above calculation, it is known that $F_{count} = 3,201$. Then testing to find out the homogeneity of data obtained with the provision if $F_{count} > F_{table}$, then the data is homogeneous. It is known that F_{table} for probability 0,05 is 3,16. It mean that $3,201 > 3,16$, then it concluded the data is homogeneous.

To calculate the significant influence of the application of scanning technique on the students reading comprehension ability, then test the difference between two average that the t test one hand, the right hand with the formula T test. T test were used for the variance between the two groups to say homogeneous as follows:

$$\begin{aligned}
 S_{gab} &= \frac{(n_e - 1)S_y^2 + (n_k - 1)S_x^2}{n_e + n_k - 2} \\
 S_{gab} &= \frac{(30 - 1)3,478^2 + (30 - 1)6,706^2}{30 + 30 - 2} \\
 S_{gab} &= \frac{(29)14,047 + (29)44,970}{58} \\
 S_{gab} &= \frac{407,337 + 1304,143}{58} \\
 S_{gab} &= \frac{1711,52}{58} \\
 S_{gab} &= 29,508
 \end{aligned}$$

After knowing the value of $S_{gab} = 29,508$, then next done t test calculation as follows:

$$\begin{aligned}
 t_{count} &= \frac{X_y - X_x}{s \sqrt{\frac{1}{n_y} + \frac{1}{n_x}}} \\
 t_{count} &= \frac{81,5 - 55,83}{29,508 \sqrt{\frac{1}{30} + \frac{1}{30}}} \\
 &= \frac{25,67}{29,508 \sqrt{0,667}} \\
 &= \frac{25,67}{29,508(0,258)} \\
 &= \frac{25,67}{7,619} \\
 &= 3,369
 \end{aligned}$$

Based on the above calculation, has been known t_{count} is 3,369. To test the hypothesis based on data that has been obtained, then in accordance with the provisions that have been established that the hypothesis accepted if $t_{count} > t_{table}$. Has been known the t_{table} is 1,671, then $3,369 > 1,671$. It concluded the hypothesis is accepted.

Based on data that has been collected through several calculations as mentioned above, it can be discussed some research results as follows:

1. When the students in control class are given learning by applying conventional methods, students do not seem to understand the subject matter completely. It can be seen from the results of student learning to answer the pre-test with the average value is only for 55,833.
2. In this study, students in the experimental class are given learning by applying Scanning Technique. Enthusiastic students in following the lessons very well, so that students are able to obtain a satisfactory score with an average value of 81,5.
3. Based on the statistical calculation on the homogeneity of the data, has been obtained value 3,201 where the provision of data obtained is homogeneous if $f_{\text{count}} > f_{\text{table}}$. If $f_{\text{table}} = 3,16$ then criteria already accepted.
4. Based on the calculation of the hypothesis test, has been known t_{count} is 3,369. To test the hypothesis based on data that has been obtained, then in accordance with the provisions that have been established that the hypothesis accepted if $t_{\text{count}} > t_{\text{table}}$. Has been known the t_{table} is 1,671, then $3,369 > 1,671$. It concluded the hypothesis is accepted.

CONCLUSION

After the research is done on the tenth grade students of SMA Swasta Melati Binjai In Academic Year 2017/2018 with the number of samples as many as 60 students divided into 2 classes of which control class as much as 30 students and experimental class as many as 30 students. This study uses multiple choice test amounted to 20 questions as a data gathering instrument. After knowing the mean obtained by the respondents in the control class of 55,833 it can be concluded that students' writing comprehension ability is still low and it has been known that the mean data experimental class is 81,5. It can be concluded that students' reading comprehension in the experimental class is good.

After testing the data hypothesis criteria that have been obtained in the control class and experimental class it has been found that the hypothesis is received, so it can be concluded that the Effect of making Summary on Students' writing Achievement of SMA Swasta Melati Binjai In academic Year 2017/2018.

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