

THE INFLUENCE OF THE DEMONSTRATION METHOD ON STUDENTS' ABILITY TO WRITE PROCEDURE TEXT AT SMP NEGERI 5 PEMATANG SIANTAR

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ABSTRACT

This study aims to explain the effect of the demonstration method on the ability to write procedural texts for grade VII students of SMP Negeri 5 Pematang Siantar. The study used a correlational approach method. The data collection technique in this study is a test in the form of an essay and is divided into 2, namely Pre-test and Post-test. The data processing technique in this study is correlational. The results of this study were obtained from the results of pre-test and post-test data. The results of the pre-test data obtained with the number of 4501 with the lowest value of 65 and the highest value of 82, the average obtained was 72.5. The results of the post-test data obtained with the number of 4903 with the lowest value of 70 and the highest value of 90, the average obtained was 79.08. The result value using the correlational formula is 0.71. The final data results of testing the t-test hypothesis were obtained $t_{count} 0.36 =$ at a significant level $\alpha = 0.05$ and degrees of freedom (dk) $= n - 2$ or $62 - 2 = 60$ obtained $t_{table} = 2.00$ so t_{count} is greater than t_{table} ($t_{count} 1.671 > t_{table} = 2.00$) $>$ t_{count} H_a is accepted and H_o is rejected.

Keywords: Demonstration Method, Writing Ability, Procedure Text.

I. INTRODUCTION

The Background of The Research

Writing is a productive skill that should be taught besides listening, speaking and reading. This skill becomes important to be studied because it involves communicating message through written mode. The students are expected to be able to write some types of text in English. For those reasons, those become consideration why writing is important to be taught at school. In learning to write, the students at the need to deal with some types of text; one of them is procedure text. Procedure text is a text that is designed to describe how something is accomplished through a sequence of actions or steps.

Procedure text is a text that contains steps or stages that must be done in completing an activity. To understand more clearly, that in learning the procedure text contains several stages that are arranged in an informative manner using continuous stages with explanations that are logical, actual and accurate. Writing a procedure text is one of the writing competence that the students have to produce or performed. In learning procedure text, students need to see how something works or operates step by step since the social function of the text is to describe how something is accomplished through a sequence of actions. Even though they are included in the conversation class, writing skills should also be a complement because writing skills will also contribute to students' speaking skills.

Based on the results of observations of teaching and learning activities, there are several problems identified, including students confused about what the first steps should be taken in writing the procedure text, participants also still have difficulty in explaining what will be stated in writing the procedure text. Even more so things related to the structure that is inside the text of the procedure. Learners struggle to determine and sort between Step Steps. In writing the text of the procedure learners tend to have no interest and feel saturated with the activity. In addition, teachers have not optimized varied learning methods in learning the text of the procedure so that students feel bored following the learning.

Some problems experienced by students during learning because teachers only use the lecture method means that the learning process is teacher-centered and students are not directly involved in learning activities. Teachers have not implemented innovative learning methods or strategies.



Therefore, demonstration methods are more innovative to be used in the learning process, because learning becomes clearer and more concrete so that students can better remember the lesson, focus the attention of students, direct the learning process of students more on the material being learned. From the explanation above, it can be seen that teachers still use the lecture method, so a better learning method is needed so that students in participating in class learning do not feel bored.

It is these factors that cause English learning to become boring, including the lack of varied teaching methods, students' lack of understanding of the content of reading and the difficulty of writing which usually takes a long time and is boring (Nurhaliza, 2019). To enable students to achieve competence in writing the text of the procedure, the teacher must use the right method or technique. In this sense, the demonstration method is the right technique. Demonstration methods in particular contribute to language learning to create an optimal environment, both physical and mental. The demonstration step gives students the opportunity to see and hear things related to the skills taught.

Based on the background of study above, the researcher interested in conducting a study related to the teaching writing under the title “The Influence of The Demonstration Method on Students’ Ability to Write Procedure Text at SMP Negeri 5 Pematang Siantar”.

The Objectives Of Research

The purpose of this research is to find out the influence of the demonstration method on students ability to write procedure text at SMP N 5 Pematang Siantar.

The purpose of this study is to find out:

1. To determine the effect of the demonstration method on grade VII students of SMP Negeri 5 Pematang Siantar.
2. Knowing the ability to write procedur texts by grade VII students of SMP Negeri 5 Pematang Siantar.
3. To find out whether there is an influence of the demonstration method on the ability to write procedur texts for grade VII students of SMP Negeri 5 Pematang Siantar.

II. RESEARCH OF METHODS

The method used in this study is the correlational method. Arikunto (2016) stated that the correlational method aims to find the presence or absence of relationships and if there is, how close the relationship is and whether or not the relationship is meaningful. The correlational method deals with the experimental method. Riduwan (2014) stated that experimental research is a study that seeks to find the influence of certain variables in tightly controlled conditions. So, this research method use the relational correlation method and experimental methods.

III. RESEARCH RESULTS AND DISCUSSION

Research Results

Pre-Test Research Results

The result of this study is a written test in the form of a test *essay*. This pre-test is carried out to determine the level of ability of students in writing procedure texts. Researchers share the test before starting the lesson or commonly called Pre-test (variable X). The test is two questions with a predetermined assessment criterion.

$$\text{Average} = \frac{\text{Number of scores obtained by students}}{\text{Number of students}}$$

$$\text{Rata - rata} = \frac{4501}{62}$$

$$\text{Rata - rata} = 72,5$$

So the average pre-test score of learning outcomes on the influence of the demonstration method on the ability to write procedural texts for grade VII students of SMP Negeri 5 Pematang Siantar is 72,5.

Post-Test Research Results

The results of post-test research (variable Y) will be carried out teaching research using image media. Learning material about the ability to write explanatory texts as many as 2 questions. The results of the post-test values can be seen in the following table:



Based on the table above, the highest score is 90 and the lowest score is 70 out of 62 students. The average grade obtained from the number of students is calculated using the formula :

$$\text{Average} = \frac{\text{Number of scores obtained by students}}{\text{Number of students}}$$

$$\text{Average} = \frac{4903}{62}$$

$$\text{Average} = 79.08$$

So the average post-test score of the demonstration method on the ability to write procedural texts for grade VII students of SMP Negeri 5 Pematang Siantar is 79.08 and is said to be very good.

Pre-Test and Post-Test Research Results

The results of the research correlation obtained from the results of the study, then the author will analyze the correlation of pre-test and post-test results writing procedure text with the product moment formula.

it is distributed into the product moment correlation formula as follows :

Known :

$$N = 62$$

$$\sum x = 4501$$

$$\sum y = 4903$$

$$\sum x^2 = 334205$$

$$\sum y^2 = 399561$$

$$\sum xy = 365739$$

$$r_{xy} = \frac{n(\sum xy - (\sum x)(\sum y))}{\sqrt{\{n \cdot \sum x^2 - (\sum x)^2\} \cdot \{n \cdot \sum y^2 - (\sum y)^2\}}}$$

$$r_{xy} = \frac{62(365739 - (4501)(4903))}{\sqrt{\{62 \cdot 334205 - \{4501\}^2\} \cdot \{62 \cdot 399561 - \{4903\}^2\}}}$$

$$r_{xy} = \frac{22675818 - 22068403}{\sqrt{\{20720710 - 20259001\} \cdot \{24774642 - 24039409\}}}$$

$$r_{xy} = \frac{416817}{\sqrt{\{461709\} \cdot \{735233\}}}$$

$$r_{xy} = \frac{416817}{\sqrt{339463693197}}$$

$$r_{xy} = \frac{416817}{582635,1}$$

$$r_{xy} = 0,71$$

Based on the correlation coefficient which is 0.71. So the effect of the demonstration method on the ability to write procedural texts of grade VII students of SMP Negeri 5 Pematang Siantar is in a high correlation rank

Research Discussion

The significant correlation coefficient of the calculated value is :

$$\text{Known : } r = 0,71$$

$$n = 62$$

$$t_{count} = \frac{r \sqrt{n-2}}{\sqrt{1-r^2}}$$

$$t = \frac{0,71 \sqrt{62-2}}{\sqrt{1-0,71^2}}$$

$$t = \frac{0,71 \sqrt{60}}{\sqrt{1-0,5041}}$$

$$t = \frac{0,71 \cdot 7,74}{0,70}$$

$$t = \frac{4071,774}{0,70}$$

$$t = \frac{5,4954}{0,53}$$

$$t = 0,36$$

To find out the demonstration method provides a correlation with the ability to write the procedure text, you must first determine determination, which is to square the correlation coefficient as follows:

$$D = r^2$$

$$D = (0,71^2)$$

$$D = 0,5041$$

If expressed in percentage then the magnitude is :
 $D = 0,5041 \times 100\%$
 $D = 50,41\%$

Through calculation, a coefficient of determination of 50.41% means that the demonstration method affects the skill of writing the procedure text and 24.31% is determined by other variables

Significant tests were conducted at a 95% confidence level and 0.05% real tests with the following criteria.

Ha is rejected with Ho accepted if $t_{count} < t_{table}$

Ha is accepted and Ho is rejected if $t_{count} > t_{table}$

Based on the data that has been obtained, then you must determine the test below, namely :

1. Determining dk (degrees of freedom)

$$dk = N-2$$

$$= 62-2$$

$$= 60$$

2. 2-party test

If $t_{count} \geq t_{table}$ then significant

If $t_{table} \leq t_{count}$ then it is not significant

3. For educational research, the level of significance (courage) used $\alpha = 0.05$ and $dk = 60$

Known : $t_{table} = 2,00$
 $t_{count} = 5,70$

So, $t_{count} \geq t_{table}$ namely $0,71 \geq 2,00$

Table 1
Pre-Test (X) And Post-Test (Y) Calculation Results The Influence Of The Demonstration Method On Students Ability Of Writing Text Prosedure At VII SMP Negeri 5 Pematang Siantar

Number of Students	X	Y	X ²	Y ²	XY	R
62	4501	4903	334205	399591	365739	0,71

Based on the data above, it can be stated that Ha is accepted as true and Ho is rejected ($t_{count} > t_{table}$). So that there is a significant influence of research on the effect of demonstration methods on the ability to write procedure texts for grade VII students of SMP Negeri 5 Pematang Siantar

IV. CONCLUSION

Based on the results of the research that has been done, the author will put forward conclusions as follows. :

1. The results of the pre-test data (variable X) were obtained with the highest value of 82 and the lowest score of 65 with a total value of 4501 with an average value of 72.5.



2. The results of post-test data (variable Y) were obtained with the highest value of 90 and the lowest score of 70 with a total value of 4903 with an average value of 79.08.
3. The magnitude of the coefficient and correlation of 0.71 interpreted with a high correlation rating.
4. The calculation results of the hypothesis test obtained a t_{count} value of 0.36 the test results if compared to t table of 1.671 then $t_{calculate} < t_{table}$, then H_a is accepted as true and H_o is rejected.
5. The magnitude of the influence of the demonstration method on the ability to write procedural texts for grade VII students of SMP Negeri 5 Pematang Siantar was 50.41% .
6. The influence of the demonstration method on the ability to write procedural texts for grade VII students of SMP Negeri 5 Pematang Siantar

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