

THE EFFECT OF THINK PAIR AND SHARE LEARNING MODEL ABILITY TO WRITE SHORT STORIES USING COMIC MEDIA BY EIGHT GRADE STUDENTS OF SMP NEGERI 4 MUARA

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ABSTRACT

This study aims to determine the effect of the think pair and share learning model in improving students' ability to write short stories. The population in this study were eighth grade students of SMP Negeri 4 Muara with a total of population 119 students. The sample of this research is 32 students using random sampling technique. The instrument used to collect data was a short story writing assignment. The method used in this research is an experimental method with a one-group pre-test and post-test design. Learning to write short stories for eighth grade students after using the think pair and share learning model showed relatively good results with an average value of 78.90. Then learning to write short stories before learning with the think pair and share model showed sufficient results with an average value of 67.34. From the t-test analysis it was found that there were significant differences between students after being treated with the think pair and share model and before being treated. Therefore from the results of these data the results of hypothesis testing with the t test are $t_0 (5.13) > t_{table} (2.04)$, it has been proven that the null hypothesis (H_0) is rejected and the alternative hypothesis (H_a) is accepted.

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1. Introduction

Indonesian properly and correctly, both verbally and non-verbally. Given the importance of learning to write, it is not surprising that writing is one of the skills students must learn from the Elementary School level (SD) to High School level. Even when taking junior high and high school education levels, Indonesian language learning is one of the main lessons that is presented as a benchmark for the National Final Examination (UN). The ability to speak Indonesian in writing is directed so that students have a penchant for writing so that they can increase their knowledge, convey information to write an essay, and much more. The ability to speak Indonesian in writing is also one aspect of language skills that needs to be seriously taught to students because learning to write is related to the learning process to think creatively. Students in learning to write will be more required to continue to increase their knowledge, whether related to the theme, content of essays, or good writing techniques. Writing for some people is not easy. In this writing activity, the researcher must appear to take advantage of the language structure, namely 1) Word 2) Sentence 3) Paragraph and there students use the local language (Batak language) more often than Indonesian. So that writing skills will not come automatically, but must be done with lots of regular practice and practice. In modern life it is clear that writing skills are needed. It is not an exaggeration to

say that writing skills are a characteristic of an educated person or an educated nation. Istarani (2011: 1), The learning model is a whole series of teaching material presentations which includes all aspects before, moderate, and after learning by the teacher and all related facilities that are used directly or indirectly in the teaching and learning process. Furthermore, in a learning model it is determined not only what the teacher should do, but also the stages, teacher and student reactions and the required support system. The application of the right learning model in order to optimize learning to write short stories will make it easier for students to compose the right words.

2. Research Metodology

The type of research to be carried out is experimental research. Arikunto (2002: 27) states the essence of experimental research, namely "research that is intended to determine whether there is a result of something imposed on the research subject". Experimental research tries to investigate whether there is a causal relationship. In accordance with this research problem, the method used is the experimental method. Method, research is the main way used by people to achieve research objectives. The purpose of this study was to determine the effect of reading accuracy on students' understanding of writing short stories using comic media. In accordance with the research objectives above, the method used in this study is an experimental method with one group pretest and posttest design models. This research was conducted at SMP Negeri 4 Muara, North Tapanuli Regency, North Sumatra Province.

3. Result and Discussion

The ability to write short stories before using think Pair and share by eighth grade students of SMP Negeri 4 Muara.

Table 1

The data on the results of writing short stories before using think pair and share (Pre-Test)

No	Partisipants	Score
1.	Ade Violantri Siregar	80
2.	Arta Uli Sianturi	80
3.	Besty B.Rajagukguk	80
4.	Daniel Sinaga	80
5.	Della Novitasari Sidauruk	80
6.	Dinda Artha P. Siregar	75
7.	Eduart Patio Rajagukguk	70
8.	Erna Rajagukguk	70
9.	Fadli Bernandes Sinaga	70
10.	Firdo Pulo Sibandang Situmeang	70
11.	Gloria Sinaga	70
12.	Hederlina Parhusip	70
13.	Herlina rajagukguk	70
14.	Kelsia Yulianti Siregar	70
15.	Marcelo Leonardo Siburian	70
16.	Marihot Siregar	70
17.	Meliana Samosir	65
18.	Naega Parhusip	65
19.	Nicky Chen Siregar	65
20.	Nike Enjelina Togatorop	60
21.	Nuraini Olivia BR Siregar	60
22.	Nuryenty Parhusip	60
23.	Reflita Novalina Rajagukguk	60
24.	Rona Pola Sitanggang	50

No	Partisipants	Score
25.	Rut Sry Rejeki Rajagukguk	50
26.	Tabita Rajagukguk	50
27.	Tasia Abelina Siregar	50
28.	Tesalonika Sitanggang	50
29.	Togu Firma Aruan	75
30.	Willi Simbolon	75
31.	Lindi Manasye Sobirin	75
32.	Ronal	70
Total Score		2155

Table 2
The distribution of pre-test frequency

X	F	Fx	X-X	(X-X) ²	F(X-X) ²
80	5	400	12,66	160,27	801,35
75	9	300	7,66	58,67	528,03
70	20	770	2,66	7,07	77,77
65	23	195	-2,34	5,47	16,41
60	27	240	-7,34	53,87	215,48
50	32	250	-17,34	300,6	1,50
N=32		ΣFx=2155			ΣFX ² = 1640,54

From the data above the mean and standard deviation can be seen as follows:

- a. The average

Is known :N= 32

ΣFx = 1640,54

$$M_x = \frac{\sum fx}{N}$$

$$N = \frac{1640,54}{32}$$

$$= 67,34$$

- b. The standard of deviation

$$SD_x = \sqrt{\frac{\sum Fx^2}{N-1}}$$

$$= \sqrt{\frac{1640,54}{31}}$$

$$= 7,16$$

From the calculations above it can be categorized into 3 categories namely insufficient, sufficient, and good. The provisions can be seen in the following table:

Table 3
Identification of trends in pre-test results

Range	F.Absolute	F. Relative	Categories
85- 100	-	-	Very Good
70- 84	20	62,5%	Good
60-69	7	21,87%	Enaugh
0 - 59	5	15,62%	Less
Total Score	32	100%	

Based on the table above it can be seen that the ability to write short stories without using Think Pair and Share is in the very good category, there are no good categories there are 20 good categories and 7 people enough category, 5 people less category.

Table 4
The ability to write short stories after using think pair and share learning (Post-test)

No	Partisipants	Score
1.	Ade Violantri Siregar	90
2.	Arta Uli Sianturi	90
3.	Besty B.Rajagukguk	90
4.	Daniel Sinaga	90
5.	Della Novitasari Sidauruk	90
6.	Dinda Artha P. Siregar	90
7.	Eduart Patio Rajagukguk	90
8.	Erna Rajagukguk	90
9.	Fadli Bernandes Sinaga	85
10.	Firdo Pulo Sibandang Situmeang	85
11.	Gloria Sinaga	85
12.	Hederlina Parhusip	85
13.	Herlina rajagukguk	85
14.	Kelsia Yulianti Siregar	85
15.	Marcelo Leonardo Siburian	85
16.	Marihot Siregar	80
17.	Meliana Samosir	75
18.	Naega Parhusip	75
19.	Nicky Chen Siregar	75
20.	Nike Enjelina Togatorop	75
21.	Nuraini Olivia BR Siregar	70
22.	Nuryenty Parhusip	70
23.	Reflita Novalina Rajagukguk	70
24.	Rona Pola Sitanggang	60
25.	Rut Sry Rejeki Rajagukguk	60
26.	Tabita Rajagukguk	60
27.	Tasia Abelina Siregar	60
28.	Tesalonika Sitanggang	60
29.	Togu Firma Aruan	80
30.	Willi Simbolon	80
31.	Lindi Manasye Sobirin	80
32.	Ronal	80
Total Score		2525

Table 5
The narrative assessment of post-test result frequency distribution

X	F	F _x	X-X	(X-X) ²	F(X-X) ²
90	8	720	11,1	123,21	985,68
80	7	595	6,1	37,21	260,47
85	5	400	1,1	1,21	6,05
80	4	300	-3,9	15,21	60,84
70	3	210	-8,9	79,21	227,63
60	5	300	-18,9	357,21	1.786,05
					3327,45

From the data above the mean and standard deviation can be seen as follows:

- a. The average
Is known :N= 32
 $\Sigma Fx = 3327,45$
 $M_x = \frac{\Sigma fx}{N}$

$$N = \frac{3327,45}{32}$$

$$= 78,90$$

b. The standard of deviation

$$SDx = \sqrt{\frac{\sum Fx^2}{N-1}}$$

$$= \sqrt{\frac{3327,45}{31}}$$

$$= 10,37$$

Table 6
The influence of think pair and share ability to write short stories using comic media
Pre-Test and Post-Test Scores

No	Partisipants	Pre-Test	Post-Test
1.	Ade Violantri Siregar	80	90
2.	Arta Uli Sianturi	80	90
3.	Besty B.Rajagukguk	80	90
4.	Daniel Sinaga	80	90
5.	Della Novitasari Sidauruk	80	90
6.	Dinda Artha P. Siregar	75	90
7.	Eduart Patio Rajagukguk	70	90
8.	Erna Rajagukguk	70	90
9.	Fadli Bernandes Sinaga	70	85
10.	Firdo Pulo Sibandang Situmeang	70	85
11.	Gloria Sinaga	70	85
12.	Hederlina Parhusip	70	85
13.	Herlina rajagukguk	70	85
14.	Kelsia Yulianti Siregar	70	85
15.	Marcelo Leonardo Siburian	70	85
16.	Marihot Siregar	70	80
17.	Meliana Samosir	65	75
18.	Naega Parhusip	65	75
19.	Nicky Chen Siregar	65	75
20.	Nike Enjelina Togatorop	60	75
21.	Nuraini Olivia BR Siregar	60	70
22.	Nuryenty Parhusip	60	70
23.	Reflita Novalina Rajagukguk	60	70
24.	Rona Pola Sitanggang	50	60
25.	Rut Sry Rejeki Rajagukguk	50	60
26.	Tabita Rajagukguk	50	60
27.	Tasia Abelina Siregar	50	60
28.	Tesalonika Sitanggang	50	60
29.	Togu Firma Aruan	75	80
30.	Willi Simbolon	75	80
31.	Lindi Manasye Sobirin	75	80
32.	Ronal	75	80
Total Score		2155	2525

Table 7
The normality test of the ability to write a short story before using the think pair and share Model in normality test of pre-test results

X	F	Fkum	Zi	F(Zi)	S(Zi)	L
80	5	5	1,76	0,9608	0,15	0,8108
75	4	9	1,06	0,8413	0,28	0,5613
70	11	20	0,37	0,6179	0,62	0,0021

X	F	Fkum	Zi	F(Zi)	S(Zi)	L
65	3	23	-0,32	0,3821	0,71	0,2121
60	4	27	-1,02	0,1539	0,84	0,6861
50	5	32	-2,42	0,0078	1,00	0,9922
						L count = 0,992
						L table = 0,156

Based on the table above, it is obtained that Lcount = 0.992 using $\alpha = 0.05$ and $N = 32$, then the critical value through the Liliefors test is obtained Ltable = 0.156. It turns out that Lcount < Ltable is 0.992 < 0.156.

Table 8
Post-test results normality test

X	F	Fkum	Zi	F(Zi)	S(Zi)	L
90	8	8	1,07	0,8577	0,25	0,607
85	7	15	0,58	0,7190	0,46	0,259
80	5	20	0,10	0,5398	0,62	0,080
75	4	24	-0,37	0,3557	0,75	-0,394
70	3	27	-0,85	0,1977	0,84	-0,642
60	5	32	-1,82	0,0344	1,00	-0,965
						L count = 0,607
						L table = 0,156

Based on the table above it found that Lcount= 0.607 using $\alpha = 0.05$ and $N = 32$ then the critical value through the Liliefors test is obtained Ltable = 0.156. It turns out that Lcount

4. Conclusion

The conclusions obtained from the research results can be presented as follows: The short story writing activity before using the think pair and share method has an average of 67.34 in the sufficient category. The short story writing activity after using the think pair and share method has an average of 78.90 in the good category. There is a significant effect of using the think pair and share method on students' writing ability and it can conclude that the think pair and share method can improve the students ability to write short stories using comic media.

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