CHAPTER IV

FINDING AND DISCUSSION

In this chapter presents finding and discussion. It covered the description of data, hypothesis testing and discussion.

A. The Description of Data

Having tested students both administering post-test, the researcher had gotten score of students writing achievement. The data of the post test 1 and post test 2 are purposed to know the result of the students' writing achievement after being taught by using picture series and cartoon movie at the second grade students of MTs Sultan Agung Jabalsari Tulungagung. The data from each subject are described as follows:

Table 4.1 The score of writing narrative text was taught by using picture series

No	Students	Criteria of Analytic Scoring Rubric					Total Score
		Compose	Style	Sentence formation	Usage	Mechanics	
1.	A	20	20	10	15	10	75
2.	B	20	20	10	15	10	75
3.	C	15	20	15	20	10	80
4.	D	20	15	20	15	15	85
5.	E	20	20	15	15	15	85
6.	F	20	20	10	20	15	85
7.	G	20	20	10	10	10	70
8.	H	20	20	15	15	15	85
9.	I	20	15	10	15	10	70

No.							
10.	J	20	15	10	15	15	75
11.	K	20	20	15	15	15	85
12.	L	20	20	10	10	10	70
13.	M	20	15	15	20	10	80
14.	N	20	15	15	10	10	70
15.	O	20	15	10	15	10	70
16.	P	20	20	15	15	15	85
17.	Q	20	15	10	15	10	70
18.	R	20	20	20	10	15	85
19.	S	20	20	15	15	15	85
20.	T	15	15	15	10	10	65
21.	U	20	10	15	10	10	65
22.	V	20	15	10	15	10	70
23.	W	20	20	10	10	10	70
24.	X	15	15	15	10	10	65
25.	Y	20	15	10	15	15	75
26.	Z	15	15	15	10	10	65
27.	AA	20	15	15	10	10	70
28.	AB	10	10	10	10	10	50
29.	AC	20	20	15	15	15	85
30.	AD	20	15	15	10	15	85
31.	AE	20	20	20	10	15	85

Table 4.2 The score of writing narrative text was taught by using cartoon movie

No	Students	Criteria of Analytic Scoring Rubric					Total Score
		Compose	Style	Sentence formation	Usage	Mechanics	
1.	A	20	15	15	10	10	70
2.	B	20	20	10	10	15	75
3.	C	20	15	15	10	15	75
4.	D	20	15	15	10	15	75
5.	E	20	20	20	10	10	80
6.	F	20	15	10	15	15	75
7.	G	20	20	10	10	15	75
8.	H	20	15	15	15	15	80
9.	I	20	20	15	10	10	75
10.	J	20	20	10	10	10	70
11.	K	20	15	15	10	15	75
12.	L	20	20	10	15	10	75
13.	M	20	20	20	10	15	85

14.	N	20	20	10	10	15	75
15.	O	20	15	15	15	10	75
16.	P	20	20	15	10	15	80
17.	Q	20	15	15	10	15	75
18.	R	20	20	15	15	15	85
19.	S	20	20	15	10	15	80
20.	T	20	15	15	10	10	70
21.	U	20	10	20	10	10	70
22.	V	20	20	15	10	10	75
23.	W	20	15	15	10	10	70
24.	X	20	15	15	10	10	70
25.	Y	20	20	10	15	10	75
26.	Z	20	15	15	10	15	75
27.	AA	15	20	15	15	10	75
28.	AB	15	10	15	10	10	60
29.	AC	20	15	15	15	15	80
30.	AD	15	20	15	10	15	75
31.	AE	20	20	15	10	15	80

The question of post test given by the researcher consists of two stories there are Snow White for picture series and Cinderella for cartoon movie. There are 31 students as respondents or subject of the research. The test in the form of administering testing which consist two tests there are picture series and cartoon movie as media about narrative text. The mean of post test for picture series is 75,32, while the mean of post test for cartoon movie is 75,16.

Table 4.3 The frequency of writing narrative text was taught by using picture series and cartoon movie

Nilai	f (picture series)	f (cartoon movie)
85	11	2
80	2	6
75	4	16
70	9	6
65	4	0
60	0	1
55	0	0
50	1	0
	N = 31	N = 31
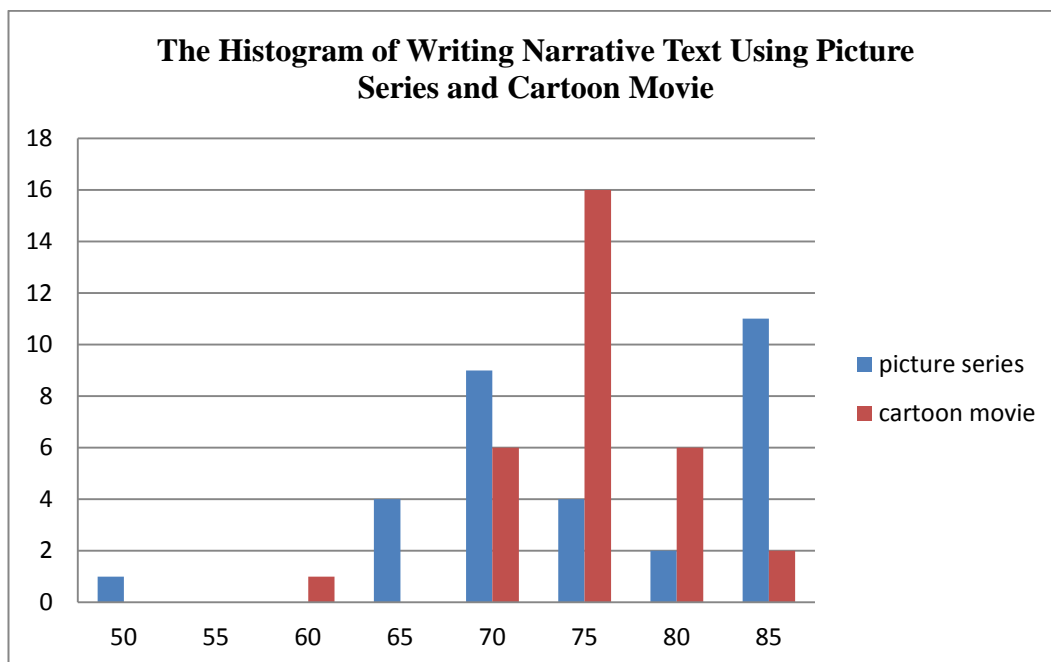
The result of the analysis data showed the research data that has been obtained by giving test to the students. There are two kinds of data about scores in writing test using picture series (X) and cartoon movie (Y).

Table 4.4 Two Kinds of Data Score in Writing Test

No	X	Y	D (x - y)	D (x - y)^2
1.	75	70	5	25
2.	75	75	0	0
3.	80	75	15	225
4.	85	75	10	100
5.	85	80	5	25
6.	85	75	10	100
7.	70	75	-5	25
8.	85	80	5	25
9.	70	75	-5	25
10.	75	70	5	25
11.	85	75	15	225
12.	70	75	-5	25
13.	80	85	-5	25
14.	70	75	-5	25
15.	70	75	-5	25
16.	85	80	5	25
17.	70	75	-5	25
18.	85	85	0	0
19.	85	80	5	25
20.	65	70	-5	25
21.	65	70	-5	25
22.	70	75	-5	25
23.	70	70	0	0
24.	65	70	-5	25
25.	75	75	0	0
26.	65	75	-10	100
27.	70	75	-5	25
28.	50	60	-10	100
29.	85	80	5	25
30.	85	75	10	100
31.	85	80	5	25
N = 31	$\sum$x = 2335	$\sum$y = 2330	$\sum$D = 20	$\sum$D^2 = 1450

The researcher determines it with using statistical computation to analyze the collected data and the researcher uses SPSS 20.

Table 4.5 Descriptive Statistic

Descriptives

picture_movie

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
WP	31	75.32	8.938	1.605	72.04	78.60	50	85
WM	31	75.16	4.913	.882	73.36	76.96	60	85
Total	62	75.24	7.153	.908	73.43	77.06	50	85

Table 4.5 Anova Table

ANOVA

picture_movie

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.508	6	.918	5.053	.000
Within Groups	9.992	55	.182		
Total	15.500	61			

The computation of table above, it can be conclude that the writing narrative text taught by using picture series and cartoon movie was effective because F_{count} was bigger than F_{tabel} (5.053 > 2,53). Based on the different mean scores above it could be said that the using picture series was better than using cartoon movie in teaching writing narrative text.

B. Hypothesis Testing

Hypothesis is a tentative explanation for certain behaviors, phenomenon or events that have occurred or will occur (Gay:1992:66).

The formulation of the problem can be answered by the following hypothesis on stated below:

1. Alternative hypothesis (Ha) "the Ha: there is a significant differences on the students writing narrative text after being taught by using picture series and cartoon movie at second grade students' of MTs Sultan Agung Jabalsari Tulungagung.

2. Null Hypothesis (Ho) "the Ho: there is no any significant difference on the students writing narrative text after being taught by using picture series and cartoon movie at second grade students' of MTs Sultan Agung Jabalsari Tulungagung.

To accept the hypothesis above must be higher or at least the same as shows in the table of significant of 5%, based on the computation, the Null Hypothesis (Ho) is rejected and the Alternative Hypothesis (Ha) is accepted.

C. Discussion

The objective of this research is to know if there was an effect of using picture series and cartoon movie toward students' writing narrative text of the second grade students of MTs Sultan Agung Jabalsari Tulungagung.

Based on this research method in chapter III, teaching and learning process are divided into two steps. First step is the researcher administrated post-test 1 by using picture series test. It is used to know the students' earlier writing ability in narrative text.

The second post test is given treatment of cartoon movie to the students. The material is about narrative text to write narrative story based from the cartoon movie by the title is Cinderella. At the treatment, the researcher asks the students

to write narrative story of Cinderella. After the students got treatment, the students are more active and enthusiastic to write because they enjoy writing.

Based on the computation, the Null Hypothesis (Ho) is rejected and the Alternative Hypothesis (Ha) is accepted. It means that there is significance different score of the writing ability of the second grade students of MTs Sultan Agung Jabalsari Tulungagung after being taught using picture series and cartoon movie as media.

Based on the result, it can be concluded that using picture series and cartoon movie as media is effective in teaching writing at junior high school especially for the second grade students of MTs Sultan Agung Jabalsari Tulungagung. It can be seen in the treatment process, the students are more interesting and they felt enthusiastic in learning writing.

It is found that there is significant different between picture series and cartoon movie. When it was referred to the mean score of each, 75.32 for picture series and 75.15 for cartoon movie it can be concluded that picture series has higher result on students' writing skill. Actually both of the media was effective to be used as teaching media, however, picture series has better result.

It is line with theory by (Heaton, 1975) which state that picture series are excellent device in providing both in purpose and contain for writing activity. And also Harmer (2001:282) states that cartoon movie is used to create situation for writing classes more clearly, that the students have big enthusiasm in teaching learning process in writing class.

Picture series and cartoon movie also give them fun activities in writing and the researcher asks the students to write. The students become more active and enthusiasm in the classroom. They are also interested to learn and practice writing using picture series and cartoon movie. By fun learning, it can be understood and it maintains the students' motivation to learn.