

## CHAPTER IV

### FINDING AND DISCUSSION

This chapter, researcher will describe the finding and discussion of the data analysis that have done in muhammadiyah senior high school 1 babat lamongan. The finding and discussion can be seen in below.

#### 4.1. Data description

Researcher will describe the result of data that has been taken at Muhammadiyah Senior High School 1 Babat Lamongan about The Effectiveness Of using role play”news caster” to improving students speaking ability. After requesting a letter of permission on July 21st 2018, the researcher came and gave a letter of permission to the head master as the formal constitution which became subject and object in taking data that will be done on July 23th, 24th, and 31st 2018.

After obtaining permission from the head master, the researcher meets with the teacher’s subject to discuss about the condition and situation of the class that will be made in the research material. The researchers explain about the instrument to be used in the research. Before do the research, the researcher prepare the material and lesson plan (RPP).

In the next day researcher do the observation to the XI science 2 to know the real condition in the class and also to introduce the researcher self and state the purpose and objectives of the researcher. In the same time researcher also telling the students to study the material to be studied next week. In this research there three steps that researcher give to the students, that is pre-test, treatment and, post-test.

Before giving pre-test to the students researcher give the diagnostic test in XI science 2 to know how far they understand about English. The test is conducted of basic to learn English. The researcher prepared 35 questions for the

diagnostic test. In the result of diagnostic test researcher found that there are still many students that has not understand and know basic of English.

#### 4.1.1. Pre-test and Post-test Scores

The table 4.1 is difference of students score in pre-test and post-test. All of the score researcher collect from XI science 2 in Muhammadiyah Senior High School 1 Babat,Lamongan. The score taken by researcher to know the enhacement of students speaking ability.

The minimum criteria of mastery learning that has determined by Muhammadiyah Senior High School 1 Babat is 75. We can see the result of students score in table 4.1 where in the pre-test score there are none of students get score more than the minimum criteria of mastery learning that was determined by the school. After that, the researcher give a treatment for students to improve students score. In table 4.1 we can see that after get the treatment students can improve their score in post-test where the high score is 96 and the lower is 75. So, the researcher can conclude that after get the treatment students can improve their speaking ability after get the treatment.

The table 4.1 shows the students score in pre-test and post-test. The total score of pre-test is 55,75 and the post-test is 76,84 of which the score of pre-test aranges from 48-72 while the score of the pos-test is 72-96. It proves that the use of role play “news caster” technique can improve studnets speaking ability. From the results of both score it can be concluded that there is a increase in the students speaking score.

Table 4.1. Students pre-test and post-test score

No	KKM	Score	
		Pre-Test	Post-Test
1	75	52	80
2	75	52	84
3	75	68	76
4	75	56	80
5	75	64	72

6	75	64	88
7	75	68	80
8	75	72	96
9	75	68	72
10	75	56	84
11	75	60	72
12	75	52	84
13	75	64	76
14	75	52	88
15	75	56	84
16	75	56	80
17	75	60	72
18	75	52	76
19	75	52	72
20	75	60	96
21	75	52	84
22	75	52	84
23	75	64	96
24	75	48	88
25	75	60	88
26	75	52	80
27	75	48	72
28	75	60	76
29	75	52	80
30	75	52	76
31	75	56	80
32	75	52	76
33	75	48	76
Average Score		56.96	80.84

### 4.1.2 Analysis of Normality Distribution

The researcher have given pre-test and post-test to measure the significant differences obtaining by students before and after students get the treatment. This test normality is calculated using SPSS version 22.0 with formula as bellow :

H0 (Sig. *P-Value* >  $\alpha$ ): The data is normality distribution.

H1 (Sig. *P-Value* <  $\alpha$ ): The data is not normality distribution.

Table 4.2. The Result of Test of Normality

Kelas		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Efektifitas Berbicara	Pre-test	.179	33	.009	.943	33	.081
	Post-test	.156	33	.040	.937	33	.055

a. Lilliefors Significance Correction

Based on the table above we can know that the sig (2-tailed) of the pre-test is *P-value* <  $\alpha$  ( $0.009 < 0.05$ ) means that data is not normality and the students have not enough courage and fluency in speaking English. Meanwhile the sig (2-tailed) of the post-test is *P-value* >  $\alpha$  ( $0.040 > 0.05$ ) it means that the data is normality and the students can improving their speaking ability after got the treatment. So, H<sub>0</sub> is accepted.

### 4.1.3 Analysis of Hemogeneity Test

This hemogeneity test do to know the sudents speaking ability. The researcher used levene test of hemogeneity tet based on mean. If *p-value* is hugher than  $\alpha$ , means that the result is hemogeneous, but if *p-value* is lower than  $\alpha$ , means that the result is not hemogeneous. The result of hemogeneous test can seen below

:

Table 4.3. Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Efektifitas Berbicara	Based on Mean	5.518	1	64	.022
	Based on Median	4.891	1	64	.031
	Based on Median and with adjusted df	4.891	1	47.873	.032
	Based on trimmed mean	5.159	1	64	.027

Based on the table above we can see that  $p$ -value is higher than  $\alpha$  (0.05). The  $p$ -value on this test is 0.022 where it is higher than  $\alpha$  (0.05). It means that the data is considered homogeneous because the  $p$ -value is higher more than  $\alpha$ . So,  $H_0$  is accepted.

#### 4.1.4. Analysis of T-Test

In this study is a T-test used to determine the effectiveness of role play”news caster” in improving students speaking ability. The researcher uses spss type 22.0 with the hypothesis below :

$H_0$  : if the  $T_{count}$  is lower than  $T_{table}$ , it means there is no significant.

$H_1$  : if the  $T_{count}$  is higher that  $T_{table}$  , it means there is a significant.

In this T-test the researcher uses paired sample t-test because the researcher only uses one sample which has two observation assessment. The result of paired sample t-test can be seen in below :

Table 4.4. The Result of Paired Sample T-test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 Efektifitas Berbicara - Kelas	57.197	10.239	1.260	54.680	59.714	45.382	65	.000

According to table above we can see that the result of the  $T_{count}$  is 45.382 which compare with significant level 5% and df 65 it means that the

Tcount is higher than Ttable (  $45.382 < 1.67$  ). So, it means that H0 is rejected and H1 is accepted.

#### 4.1.5. Students' Response the Used of Role-Play “News Caster” in speaking English

After the learning process using role play “news caster” technique in improving students speaking ability, all students in eleven grade scient 2 are give a questionnaire to know the studnets responses in learning process using role play “news castre” technique. The result of the responses can be seen in table below.

Table 4.5.1 The responses of role play “news caster” technique

Question	Responses	
	Yes	No
1	18	1
2	18	1
3	18	1
4	18	1
5	3	16
6	4	15
7	19	0
8	19	0
9	18	1
10	18	1
11	18	1
12	18	1

Diagram 4.5.2 The Responses of Role Play “Newscaster” Technique

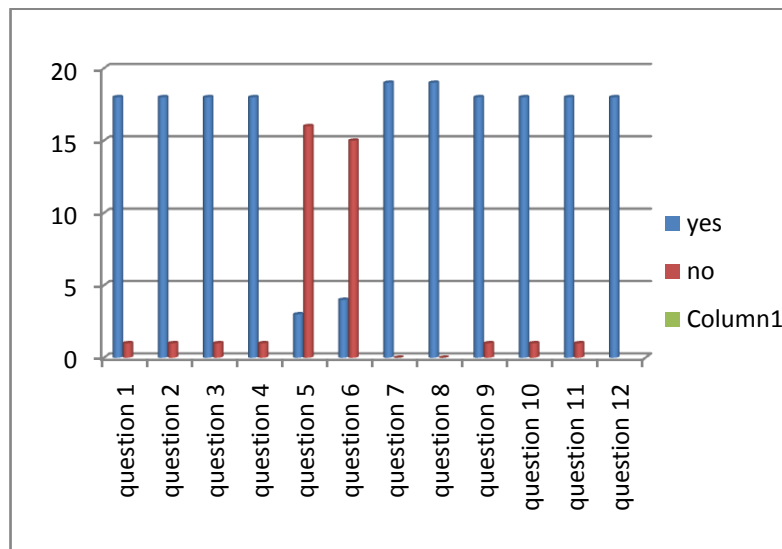


Table above is the result of students responses about using role play”news caster” in the class. The responses reseacher take based 33 students of XI-Scients 2 in Muhammadiyah Senior High School 1 Babat. The researcher give 12 questions bsd on material that given in the class. The questions that given to students is about the effectiveness of role play”news caster” in teaching speaking. Based on the table above we can see that the students like to learn speaking using role play “news caster” meanwhile there are some students who dislike to learn use this media. Next question is about students difficulty in learn speaking using role play “news caster” and the result is there are 16 students who does not have difficulty in learning speaking using role play”news caster” but, there are still 4 students who feel difficult to learn spaking use role play “news caster”. So, the researcher can conclude that students feel helped by learning to use role play “news caster” in speaking.

## 4.2. Discussion

Based on the result of the research that has been done by the researcher in Muhammadiyah senior High School 1 Babat can be conclude that the use of role play “news caster” is effective in improving students’ speaking ability. On the first observation the researcher has asked the students’ previous ability where the

students' is less in English speaking. According to the students English subject is difficult lesson. So, that's why the researcher try to use technique to make students more interesting in learning English.

There are three steps that researcher give to the student that is pre-test where the purpose of this test is to know the students ability before gets the treatments. Second, is treatment. This is a technique to make students more interest to learn English especially in speaking. The last students will gets post-test. This is the last test that should students do to know how far they can improve their ability in speaking English.

In pre-test students still have less in English speaking. It can be seen in table 4.1 where students score still lower than the minimum criteria of mastery leaning. Students feel not confidence and fluence to speak in front of the class. Less understanding about the material that make students have low score.

After giving pre-test the researcher give a treatment to the students which aims to increase students speaking ability with role play technique which has researcher arrange before. After giving treatment the researcher do post-test which aim to know whether students have improve their speaking or not. The result has been accepted by using t-test with spss application type 22.0

The result can be seen in table 4.4 where the H1 is accepted with the hypothesis if the Tcount is higher that Ttable , it means there is a significant. In that table show that the Tcount is 45.382 which is it higher than the Ttable (1.67). So, it can be concluded that role play "news caster is effective in improving students speaking ability.