

BAB IV

FINDINGS AND DISCUSSION

A. Findings

To present the data, the writer performs the following steps:

1. Taking the scores of speaking ability of pre test sample of group A and B. This test was done on December 11, 2017. After getting the pre test, the author gave CLLA method and performed the post test on December 30, 2017.
2. Describing the value of the results of the assessment in tables 4.1 to 4.12.

In addition, the data will be presented based on the research questions as follows :

1. The students' ability in speaking at the eight grade of MTs Noorhidayah Darussalam Palingkau Lama in academic year 2017/2018

Before seeing the student's ability in speaking, I would like to present the process of doing the test. The students were divided into control and experiment class.

In control class the writer taken from 10 students and in experiment class the writer taken from 10 students.

To see the students' ability in speaking, the writer collected the data by giving a test. The test was given to 20 students. The result of the test can be seen in the following table.

Table 4.1. The Result of Post test Group A and Group B

No	Code of Students	Grammar	Vocabulary	Pronunciation	Fluency	Total Score
1.	A1	3	3	2	2	10
2.	A2	3	3	3	3	12
3.	A3	4	3	3	3	13
4.	A4	3	4	3	2	12
5.	A5	2	2	2	2	8
6.	A6	3	3	3	2	11
7.	A7	3	3	3	2	11
8.	A8	2	2	2	2	8
9.	A9	3	3	2	2	10
10.	A10	3	3	3	2	11
11.	B1	3	3	3	3	12
12.	B2	2	2	2	2	8
13.	B3	3	2	2	2	9
14.	B4	3	3	3	2	11
15.	B5	3	3	3	3	12
16.	B6	3	2	3	2	10
17.	B7	3	3	2	2	10
18.	B8	3	3	3	3	12
19.	B9	2	2	2	2	8
20.	B10	2	2	2	2	8
Total						206
Mean		$\frac{total}{20} = mean$				10.3

The table shows that the students ability in speaking is high, because the mean score they got is 10.3.

2. Improvement of the students' speaking ability by using CLLA at the eight grade of MTs Noorhidayah Darussalam Palingkau Lama in academic year 2017/2018

To see the students' improvement, the data were taken from the rising score from pre test to post test of experiment class as presented in the following table.

Table 4.2. The Distribution Result of Pre test and Post test of Experiment Class

VALUE'S OF EXPERIMENT CLASS			
		PRE TEST	POST TEST
N	Valid	10	10
	Missing	0	0
Mean		8.6000	10.6000
Median		9.0000	11.0000
Mode		9.00	11.00
Range		4.00	5.00
Minimum		6.00	8.00
Maximum		10.00	13.00

Based on the data in table 4.2, it can be seen that the rising score from pre test to post test in experiment class is 2 points (8.6 – 10.6).

Thus, based on result score of mean (8.6 in pre test) and (10.6 in post test) on the table 4.2 the improvement of students' ability in speaking by using CLLA is low.

3. The effectiveness in teaching students' speaking by using CLLA at the eight grade of MTs Noorhidayah Darussalam Palingkau Lama in the academic year 2017/2018

To find the effectiveness of using CLLA, the writer sees the differences between result of pre test to post test in control class and result of pre test to post test in experiment class as in the table 4.2 (see p. 45) and table 4.3 in the following table.

Table 4.3. The Distribution Result of Pre test and Post test of Control Class

VALUE'S OF CONTROL CLASS			
		PRE TEST	POST TEST
N	Valid	10	10
	Missing	0	0
Mean		8.4000	10.0000
Median		8.0000	10.0000
Mode		8.00	8.00
Range		4.00	4.00
Minimum		6.00	8.00
Maximum		10.00	12.00

Since the result of experiment class is larger than the control class (8.6 – 10.6 : 8.4 – 10.0), it can be concluded that CLLA is effective used in

teaching students' speaking at eight grade MTs Noorhidayah Darussalam Palingkau Lama in the academic year 2017/2018.

Then, to see whether the hypothesis alternative (H_a) accepted or not, the writer used *t test*. In analyzing the data, the writer does the following steps.

a) Normality test

Normality test were used to find that the experimental and control groups were normally distributed using the normality test with Kolmogorov-Smirnov. From the analysis (Shapiro-Wilk), if the value is less than 5% significance level then the data is not normally distributed. Whereas if the value (Shapiro-Wilk) is more or equal to a significance level of 5% then the data is normally distributed.

1) Normality test of Pre-test

Table 4.4. Result of Normality Test of Pre-test

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	Df	Sig.
Class Experiment	.217	10	.200 [*]	.896	10	.198
Class Control	.267	10	.042	.873	10	.108

From table 4.4 it can be seen that all variables have significance greater than 0,05. Experiment class has significance value 0.198 while control class has significance

value 0.108. So, it can be concluded that pre-test values of both experiment class and control class distributed normally.

2) Normality test of Post-test

Table 4.5. Result of Normality of Post-test

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	Df	Sig.
Class Experiment	.196	10	.200 [*]	.919	10	.351
Class Control	.180	10	.200 [*]	.855	10	.066

From table 4.5 it can be seen that all variables have a significance of more than 0.05. Experimental class has a significance value of 0.351 while the control class has a significance value of 0.066. So, it can be concluded that pre-test values of both experiment class and control class distributed normally.

b) Homogeneity Test

1) Homogeneity test of Pre-test

Table 4.6. Result of Homogeneity Test of Pre-Test

Value

Levene Statistic	df1	df2	Sig.
.383	1	18	.544

2) Homogeneity test of Post-test

Table 4.7. Result of Homogeneity test of Post-test

Value			
Levene Statistic	df1	df2	Sig.
.090	1	18	.768

m

Table 4.6 and 4.7 above show that the significance value of both early learning ability (pre-test) and final learning ability (post-test) after the calculation using SPSS program version 16.0 is more than 0.05, with the significance of pre-test value is 0.544 and the significance of post-test value is 0.768. So it can be said that the test are homogeneous. All these data are eligible for further test.

c) t Test

To see the accepted and rejected the hypothesis of H_a : Teaching speaking ability by using CLLA is effective to improve students' speaking ability by use CLLA at the eight grade students of MTs Noorhidayah Darussalam Palingkau Lama in academic

year 2017/2018 or H_0 : Teaching speaking ability by using CLLA is not effective to improve students' speaking ability by use CLLA at the eight grade students of MTs Noorhidayah Darussalam Palingkau Lama in academic year 2017/2018, the writer used SPSS program version 16.0. The following table shows the result of *t test*.

Table 4.8. Paired Samples Test

	Paired Differences					t	Df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 Pretest – Posttest	-2.0000	1.05409	.33333	-2.75405	-1.24595	-6.000	9	.000

From the test results in the table above, it can be seen that the value of significance (2-tailed) is 0.00. Because 0.000 is less than 0.05, then H_0 is rejected and H_a accepted. Thus, the use of CLLA is significantly effective to improve the speaking ability of VIII grade students at Madrasah Tsanawiyah Noorhidayah Darussalam Palingkau Lama.

B. Discussion

The data were collected from questionnaires and oral test, and then they were analyzed and reported based on problem statement that is about the effectiveness of learning by using CLLA. For further information, please read out from the discussion below:

1. The students' ability by using CLLA at the eight grade of MTs Noorhidayah Darussalam Palingkau Lama in academic year 2017/2018

Based on the table 4.1, the mean score of the students' ability in speaking is 10.3 which categorized high.

2. The improvement of the students' speaking ability by using CLLA at the eight grade of MTs Noorhidayah Darussalam Palingkau Lama in academic year 2017/2018

Based on the data in the table 4.2, it is found that the rising score from pre test to post test in experiment class is 2 points. It means that the improvement is low.

3. The effectiveness in teaching students' speaking ability by using CLLA at the eight grade of MTs Noorhidayah Darussalam Palingkau Lama in the academic year 2017/2018

To find the effectiveness of using CLLA based the result of data pre test and post test, writer will do the following steps in the research analysis as follows:

a) Normality Test

After the writer gave the questionnaires to the eighth grade of Madrasah Tsanawiyah Noorhidayah Darussalam Palingkau Lama, the scores obtained in this test for the experimental class and control class on the pre-test calculation were 0.198 for the experimental class and 0.108 for the control class. While the post-test calculation is 0.351 for the experimental class and 0.066 for the control class. (The description can be seen in tables 4.4 and 4.5).

Based on the calculation results can be concluded that the value of experimental class and control class on pre-test and post-test normally distributed. It can be seen from the overall score obtained greater than 0.005 which requires the writer to test homogeneity.

b) Homogeneity Test

The results showed on the homogeneity test for the experimental class and control class that the pre-test calculation value is 0.544 for the experimental and control class. While the calculation of post-test is 0.768 for experiment and control class. (The description can be seen in tables 4.6 and 4.7)

Based on the calculation results, it can be concluded that the value of experimental class and control class on pre-test and post-test is homogeneous. It can be seen from $(0.544 \ \& \ 0.768 > 0.005)$ that requires the writer to perform the *t test*.

c) t Test

The results of research is based on calculation with t table analysis bigger than t count. if t count lower than t table then Ho is rejected and if t count greater than t table then Ha rejected.

Based on the results of t count calculation can be seen that the score obtained is 0.000, because $0.000 < 0.005$ then Ho is rejected and Ha is accepted. From the information, the writer draws the conclusion that learning by using CLLA has effectiveness. (The description can be seen in table 4.8).

The results of the research, the CLLA method is significantly effective to improve the students' speaking ability of eight grade of MTs Noorhidayah Darussalam Palingkau Lama.