

CHAPTER IV

FINDING AND DISCUSSION

A. Setting of Research

1. Description of the Research Location

a). Brief History of MTs Atthohiriyah Boarding school for girls

According to administration staff, document and a head of MTs Atthohiriyah Boarding school for girls which located on Jl. Indah Sari km 15, 5 Tamban Barito Kuala south Kalimantan was established in 21 January 2005 or 10 dzulhijjah 1425 H.

There are many female students are interested in continuing their study especially in Islamic boarding school , but there was no boarding school for girls nearest with their living. So, the founding father K.H Ahmad KusasiBakri gives idea to build the boarding school for girls by helping his family on Friday 21 January 2005(10 dzulhijjah1425 H), namely Atthohiriyah Boarding School for girls (PPPAT).

MTs Atthohiriyah Boarding School for girls is located near from road and Barito river, there are many plantation beside and front of school because before building school the location is jungle .so that condition still natural and it makes the students more comfortable in learning. The location of MTs Atthohiriyah Boarding School for Girls , area as follows :

- 1). In the west , it borders on resident house at Indah sari Village
- 2). In the East ,it borders on resident house at Indah sari Village
- 3). In the North is Barito river
- 4). In the South is it borders on Plantation

Educational Institution in MTs Atthohiriyah Boarding School for Girls consists of Islamic Junior High School (MTs), Islamic Senior High School (MA) and now the Founding Father is KyaiMoh. KhairiIman.

b). School Facilities of MTs Atthohiriyah Boarding School For girls

MTs Atthohiriyah Boarding School For girls has facilities for supporting teaching and learning process as white board , library and etc. but the head master of MTs Atthohiriyah Boarding School For girls is Khairunnisa S. Pd always try to get good facilities to help the students have complete facilities to study. For More detail about the description of school facilities of MTs Atthohiriyah Boarding School For girls can be seen in appendix.

c). Description About Teachers, Administration Staff , and Students

Population of MTs Atthohiriyah Boarding School For girls in Academic year 2012/2013

a). Teachers

MTs Atthohiriyah Boarding School For girls has 27 teachers from different educational background . Almost of them are University Graduated .more details about the description of the teachers at MTs Atthohiriyah Boarding School For girls can be seen appendix.

Based on the documentary of administration staff of MTs Atthohiriyah Boarding School For girls , it can be known that there are 2 English teachers at MTs Atthohiriyah Boarding School For girls. more information can be seen in appendix.

b). Administration Staff

The administration Staff of MTs Atthohiriyah Boarding School For girls are 3 people, for more information about them can be seen in appendix.

c). Students

The number of students at Atthohiriyah Boarding School For girls in Academic year 2012/2013 are 252 students and for MTs Atthohiriyah Boarding School For girls are 110 students. They are divided into 6 classes , seventh class consists of 2 classes , eight class consists of 2 classes and ninth class consist of 2 classes. The number of

seventh grade students are 40 students eight class consist of 39 students and ninth class includes 40 students. for more information about them can be seen in appendix.

B. Finding

This subchapter presents the data that have been collected in the research. The presentation covers primary data about the effectiveness of teaching and learning tenses by using kid song videos of MTs Atthohiriyah Boarding School For girls.

a) The pre-test result about students' mastery in tenses for Experiment Class and Control Class at MTs Atthohiriyah Boarding School For girls.

To know the students' skill in tenses before the researcher applies her research, the writer gives written test as pre-test for the students in control class and experiment class in Tenses on Monday 27 May 2013 at MTs Atthohiriyah Boarding School For girls, it way done for 60 minutes to answer 50 same questions between two classes.

Based on the result of the pre-test of the first grade students in MTs Atthohiriyah Boarding School For girls, it can be seen in the following tables :

Table 4.1 The Students' pre- test result of Tenses in experimentclass for first grade at MTs Atthohiriyah Boarding School For girls

Subject Number	Test Types			Scores
	Multiple Choice	True False	Make Complete Sentences	
1.	36	5	15	56
2.	36	6	0	42
3.	22	8	8	38
4.	18	4	0	22
5.	24	6	12	42
6.	36	7	18	61
7.	30	0	12	42
8.	24	6	4	34
9.	24	4	6	34
10.	27	4	8	39
11.	33	8	4	45
12.	36	6	8	50
13.	24	16	4	44
14.	45	16	16	77
15.	30	10	16	56
16.	48	18	20	86
17.	12	8	12	32
18.	15	10	4	29
19.	33	8	0	41
20.	30	10	0	40
Total				910

To know the students' skill of Tenses for Experiment class before the writer apply her research at the first grade students of MTs Athhohiriyah boarding school for girls, the writer uses the accounting of mean score as follow:

$$M_{x_1} = \frac{\sum x}{N}$$

$$M_{x_1} = \frac{910}{20}$$

$$M_{x_1} = 45,5$$

Based on the pre test result, it can be seen that students' mastery of Tenses for Experiment Class at the first grade students of MTs Athhohiriyah boarding school for girls can be concluded in bad category.

Table 4.2 The Students' pretest result of Tenses in control class for first grade at MTs Athhohiriyah Boarding School For girls

Subject Number	Test Types			Score
	Multiple Choice	True False	Make Complete Sentences	
1.	26	2	12	40
2.	32	5	6	43
3.	22	6	9	37
4.	38	8	15	63

Subject Number	Test Type			Scores
	Multiple Choice	True False	Make Complete Sentences	
5.	22	4	9	35
6.	24	5	12	41
7.	18	6	9	33
8.	40	9	21	70
9.	22	8	12	41
10.	38	8	18	64
11.	42	5	21	68
12.	22	5	15	42
13.	14	8	8	30
14.	40	10	12	61
15.	32	6	3	41
16.	38	4	9	51
17.	34	9	12	55
18.	24	7	4	38
19.	30	8	12	50
20.	30	12	9	51
Total				954

To know the students' mastery of Tenses for control class before the writer applies her research at the first grade students of MTs Atthohiriyah boarding school for girls, the writer uses the accounting of mean score as follows:

$$Mx_2 = \frac{\sum x}{N}$$

$$Mx_2 = \frac{954}{20}$$

$$Mx_2 = 47,7$$

Based on the pre test result, it can be seen that the students' mastery of Tenses Control Class at the first grade students of MTs Athhohiriyah boarding school for girls can be concluded in bad category.

b). The post-test result about students' mastery of tenses in Experiment Class by using kid song videos and control class without kid song videos at MTs Atthohiriyah Boarding School For girls

Before the writer know, the students' mastery in tenses by using kid song videos. The writer asks the teacher to teach the students by using kid song videos in experiment class and for control class the teacher teach them without kid song videos. And for this research the writer need 3 weeks .for the first time is Simple Present Tense on Tuesday 28th May 2013 – Tuesday 4th June 2013 and on Wednesday 5th June 2013 – 13 June 2013 is Present Continuous Tense. And for the written test as post test was done on Friday, 14 June 2013, the test was done for 60 minutes to answer 50 same questions between two classes.

The detail of observation process which the writer has done can be seen from the teaching learning process at first grade at MTs Atthohiriyah boarding school for girls as followed :

1) Pre Activity.

In pre activity, the teacher opened the class by greeting to the students; ask the students' condition and checking their attendance by calling their names one by one and every one will raise their hand if they have present, then the teacher prepares to make word maps on the white board.

The preparing process of kid song videos by teacher :

- Before starting to teach, the teacher asks about the topic that the teacher shows in kid song videos. Teacher asked about tenses that the students have known.

2) While Activity.

In the while activity, the teacher taught with the topic about simple present tense and present continuous tense. The process of using kid song videos on while activities were:

- Teacher shared some verb to make the students easier to understand when the teacher uses kid song videos
- Then, he taught the material by using kid song videos
- On the explanation, first, he asked the students the meaning of some words in videos, it was like get, brush, etc. Some of the students answered it.
- Then, the teacher ask the students to change the sentences into negative and interrogative

- The students focused on the teacher's explanation.
- After the teacher explained the material. Teacher asked students to write the material on their note book. There are two activities that teacher did in the while activity they were:

Activity 1

Teacher asks the students to sing a song together and after that, the teacher choosesomeof the students to lead their friends to sing a song based on the videos, and the other will repeat after him.

Activity 2

Teacher gave games to the students. The activities were:

- Teacher divided students into 2 group
- Then every group should change the kid song videos into negative and interrogative
- After finished their task, every group sing together with the song that they write.

3) Post Activity.

Based on the writer's observation, the writer saw the activities that has done by teacher, before the class ended, the teacher asked students to remember the lesson that they have learnt before, the teacher asked them to close their books, and asked the students about simple present tense and present continuous tense,the students

answered the questions from the teacher, she also give some sentences and asked students to change the sentences.

Then, the teacher asked the students to conclude their lesson that they have learned. After that the teacher gave homework based on the lesson materials. At the end of teaching and learning process, the teacher reviewed the lesson in brief, and gave the students opportunity to ask some questions, and then the teacher answered the questions, after that the teacher closed the lesson by Hamdallah.

Table 4.3 The Students' Test Result of Tenses for Experiment class of the first Grade Students of MTs Atthohiriyah boarding school for girls in Academic Year of 2011/2012

Subject Number	Test Types			Scores
	Multiple Choice	True False	Make Complete Sentences	
1.	46	10	27	83
2.	48	8	24	80
3.	38	9	21	68
4.	58	6	24	88
5.	56	9	21	86
6.	58	10	27	95
7.	46	10	27	83
8.	50	6	24	80
9.	40	10	12	62
10.	46	10	27	83
11.	52	6	18	76

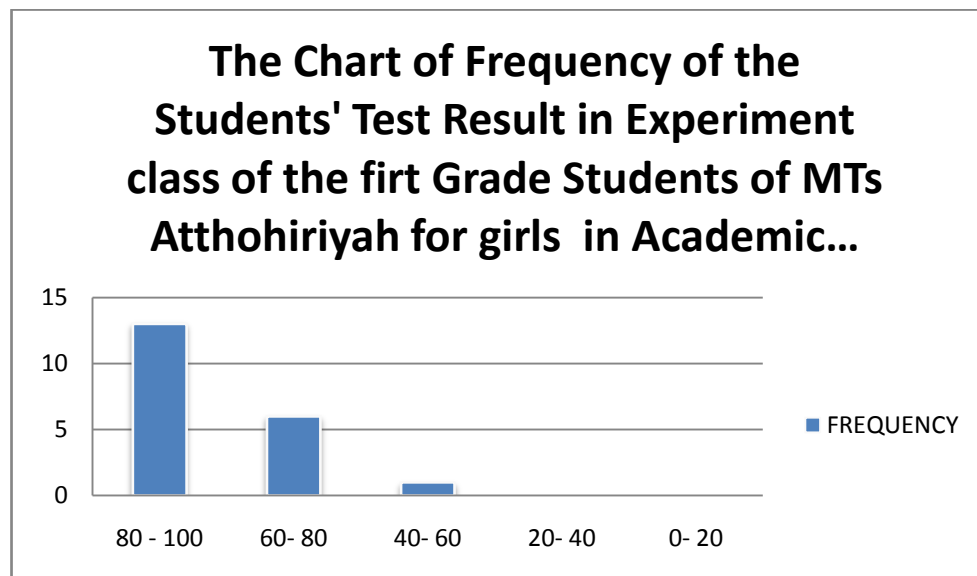
Subject Number	Test Type			Scores
	Multiple Choice	True False	Make Complete Sentences	
12.	48	10	9	67
13.	54	8	18	80
14.	46	9	27	82
15.	50	6	27	83
16.	44	10	24	78
17.	42	7	27	76
18.	36	8	9	53
19.	46	10	30	86
20.	50	10	21	81
Total				1570

Based on the table above, it shows that the score of experiment class of the First grade students of MTs Atthohiriyah boarding school for girls. The highest score is 95 which are divided in multiple choice score is 58, True False is 10, and make complete sentences is 20. While the lowest score is 53 which are divided in multiple choice is 36, True False is 8, and make complete sentences is 9. Then, the accumulated score is 1442.

Table 4.4 The Frequency Distribution of the Students' Test Result in experiment class of the first Grade Students of MTs Atthohiriyah boarding school for girls in Academic Year of 2012/2013

No.	Score	Frequency	Percentage (%)	Category
1.	80-100	13	65	Very high
2.	60- 80	6	30	High
3.	40- 60	1	5	Fair
4.	20- 40	0	0	Low
5.	0- 20	0	0	Very low
Total		20	100	

From the table above, it can be seen that there is no students (0%) whose score are around 0-20 that classified in very low category. There is no students (0%) whose score are around 20-40 that classified in low category. There are 1 Students (5%) whose score are around 40- 60 that classified in fair category. There are 6 student (30%) whose score are around 60- 80 that classified in High Category. Meanwhile, there are 13 students (65%) whose score are around 80-100 that classified in very high category.



To know the students' mastery in tenses of Experiment class at the first grade students of MTs Atthohiriyah boarding school for girls, the writer uses the accounting of mean score as follows:

$$M_{x_1} = \frac{\sum x}{N}$$

$$M_{x_1} = \frac{1570}{20}$$

$$M_{x_1} = 78,5$$

So, the students' mastery of Tenses for Experiment Class at the first grade students of MTs Athhohiriyah Boarding School for girls can be concluded in good category.

Table 4.5 The Students' post test result of Tenses in Control Class for first grade at MTs Atthohiriyah Boarding School For girls Academic Year 2012/ 2013

Subject Number	Test Types			Scores
	Multiple Choice	True False	Make Complete Sentences	
1.	50	10	27	87
2.	24	10	21	56
3.	50	4	9	63
4.	50	9	12	71
5.	36	10	9	55
6.	32	10	15	57
7.	36	7	24	67
8.	54	10	27	91
9.	30	5	12	47
10.	46	10	24	80
11.	52	7	24	83
12.	42	10	27	79
13.	22	8	18	48
14.	30	4	24	58
15.	34	8	12	54
16.	32	6	12	50
17.	38	10	15	63
18.	40	10	12	62
19.	24	5	12	41
20.	45	8	12	65
Total				1277

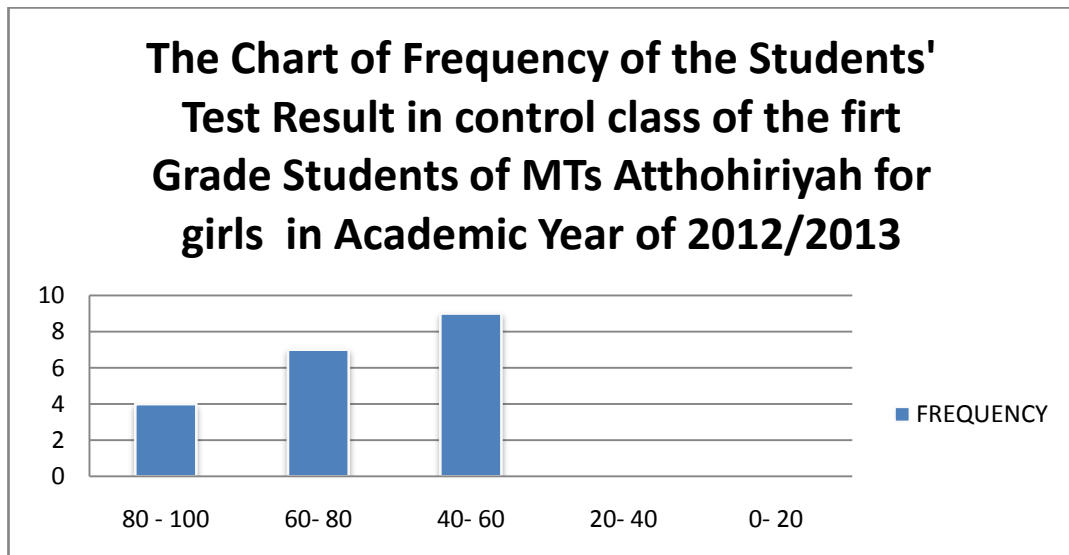
Based on the table above, it shows that the score of the First grade students of MTs Atthohiriyah boarding school for girls in control class. The highest score is 91 which are divided in multiple choice score is 54, True False is 10, and make complete sentences is 27. While the lowest score is 41 which are divided in multiple choice is 24, True False is 5, and make complete sentences is 12. Then, the accumulated score is 1277

Table 4.2 The Frequency Distribution of the Students' Test Result in control class of the first Grade Students of MTs Atthohiriyah boarding school for girls in Academic Year of 2012/2013

No.	Score	Frequency	Percentage (%)	Category
1.	80-100	4	20	Very high
2.	60- 80	7	35	High
3.	40- 60	9	45	Fair
4.	20- 40	0	0	Low
5.	0- 20	0	0	Very low
Total		20	100	

From the table above, it can be seen that there are 0 students (0%) whose score are around 0-20 that classified in Very low Category. There are 0 students (0%) whose score are around 20-40 that classified in Low Category. There are 9 Students (45%) whose score are around 40- 60 that classified in Fair Category. There are 7 student (35%) whose score are around 60- 80 that

classified in High Category. Meanwhile, there are 4 students (20%) whose score are around 80-100 that classified in Very high Category.



To know the students' mastery of Tenses for control class at the first grade students of MTs Atthohiriyah boarding school for girls, the writer uses the accounting of mean score as follows:

$$Mx_2 = \frac{\sum x}{N}$$

$$Mx_2 = \frac{1277}{20}$$

$$Mx_2 = 63,85$$

So, the students' mastery of Tenses for Control Class at the first grade students of MTs Atthohiriyah Boarding School for girls can be concluded in fair category.

C. Discussion

To know the effectiveness of teaching and learning Tenses between using kid song videos and without kid song videos the writer use comparative study between the experiment class by using kid song videos and the control class without using kid song videos ,the writer uses “t-test”. After all the collected data have been processed, the writer analyzes them and makes conclusion by using the “t-test” formula.

1. Based on the result of the test in appendix, the writer calculates the mean formula of each major student. To keep the subject identity, the writer just uses number for identifying the subject.

$$M_1 = \frac{\sum x}{N} = \frac{1570}{20} = 78,5$$

$$M_2 = \frac{\sum y}{N} = \frac{1277}{40} = 63,85$$

M_1 =Calculating mean of experiment class

M_2 = Calculating mean of control class

2. The writer counts standard deviation of each major by using formula:

$$\begin{aligned} SD_1 &= \sqrt{\frac{\sum X^2}{(N-1)}} = \sqrt{\frac{2085}{(20-1)}} = \sqrt{109,73} \\ &= 10,47 \end{aligned}$$

$$SD_1 = \sqrt{\frac{\sum y^2}{(N-1)}} = \sqrt{\frac{3768,69}{(20-1)}} = \sqrt{198,35}$$

SD_1 = Standard deviation of experiment class for valid the data

SD_1 = Standard deviation of control class for valid the data

3. The writer counts standard error of mean from each major by using formula:

$$\begin{aligned} SEM_1 &= \frac{SD}{\sqrt{N-1}} \\ &= \frac{10,47}{\sqrt{20-1}} = \frac{10,47}{\sqrt{19}} = \frac{10,47}{4,35} = 2,40 \end{aligned}$$

$$\begin{aligned} SEM_2 &= \frac{SD}{\sqrt{N-1}} \\ &= \frac{14,08}{\sqrt{20-1}} = \frac{14,08}{\sqrt{19}} = \frac{14,08}{4,35} = 3,23 \end{aligned}$$

SEM_1 = Standard error of mean in experiment class to make the data valid

SEM_2 = Standard error of mean in control class to make the data valid

4. The writer counts standard error from both subjects by using formula:

$$\begin{aligned} SEM_1 - M_2 &= \sqrt{SEM_1^2 + SEM_2^2} = \sqrt{2,40^2 + 3,23^2} \\ &= \sqrt{5,76 + 10,43} \\ &= \sqrt{16,19} = 4,02 \end{aligned}$$

5. The writer counts t-test by using formula:

$$\begin{aligned} t_{\text{test}} &= \frac{M_1 - M_2}{SE_{M_1 - M_2}} \\ &= \frac{78,2 - 63,85}{4,02} = \frac{14,65}{4,02} = 3,56 \end{aligned}$$

6. After having the t-test score, look at the t table by counting the degree of freedom.

$$\begin{aligned} t_{\text{table}} &= (N_1 + N_2) - 2 \\ &= (20 + 20) - 2 = 38 \end{aligned}$$

df = Degree of freedom to know every position

After the writer finds the df (degree of freedom), which is 38, the writer uses the nearest df in table, that is df at . The table is put in appendix.

7. The writer makes a conclusion.

Thus, $t_{\text{table}}(5\% = 2,02) < t_{\text{test}}(3,56) > t_{\text{table}}(1\% = 2,71)$.

It shows that t test is higher than t table 5% and 1 %. Ho (Zero Hypothesis) is rejected and Ha (Alternative Hypothesis) is accepted . By this result, the writer concludes that Ha is accepted There is a significant difference in the Effectiveness of teaching and learning Tenses between students in experiment class and Control class. And the finding of the research support the theories and give English teachers more evidence that the application of the kid song videos is worth considering in the teaching tenses.