

CHAPTER IV

DATA DESCRIPTION AND ANALYSIS

A. Data Description

In conducting this Classroom Action Research the researcher got the data. There were some data which have been collected by the researcher, namely result of observation, test, and questionnaire.

The data from observation were taken during teaching and learning process since the preliminary research, cycle 1, and cycle 2. Based on those observations the research got the data about students' participation and enthusiasm, in learning writing descriptive text.

Test was given in three times; in the preliminary research, cycle 1, and cycle 2. The test result would give information about the improvement of students' writing skill on descriptive text.

The questionnaire has been given in the end of cycle 2. Data from questionnaire would be used by the researcher to identify the students' response after being taught by using guiding question technique.

B. Data Analysis Pre Cycle

1. Preliminary Research

The preliminary research was conducted on Monday, October 19th 2015, there are 37 students in the class. The aim of the preliminary research is to know the students' condition and

the students' writing skill before taught by using guiding question technique.

In teaching process, the researcher did not use another technique to teach descriptive text. The researcher only used conventional method. The researcher only explained definition, social purpose, generic structure, and language feature of descriptive text orally. Where most of the students in VII B were not enthusiastic in listening the researcher's explanation. Some of them made a noise in the classroom. When the researcher gave the exercise, they also were not doing the assignment with full of responsibility.

In the end of the lesson the researcher gave pre-test to the students. The purpose of the test was to measure the students' ability in writing descriptive text. The students were assigned to write a descriptive text based on the topic that given by the researcher.

After got data from test, the researcher calculated the students' mean score and the students' percentage who achieve the minimum standard score. The calculation shows that the students' mean score of preliminary test was 48.29. The highest score was 74 and the lowest score was 34. There were only 16.2% or five students who passed the minimum standard score (KKM).

The result of this test is not satisfying yet. The problems faced in this meeting are the aspect of content like developing

the topic and the concluding of sentence, language use aspect like the use of grammar especially in the tense, and the mechanic aspect like the use of capitalization and paragraphing. Then the researcher was aware that most of students in VII B still have difficulties in arranging a good descriptive text. The researcher intended to use guiding question technique to the next activity to make students interest and enjoy the learning process so that their writing score would be better.

2. Cycle 1

This activity was conducted on Wednesday, October 21st, 2015 and Thursday, October 22nd, 2015. Knowing the result of preliminary research, then researcher and collaborator used guiding question technique in teaching writing descriptive text in order to improve students' writing skill on descriptive text.

a. Planning

In this phase, the researcher and the collaborator made a planning for the action based on the problems faced by the students in writing descriptive text. Before implementing it, the researcher prepared everything which would be used in teaching learning process, such as lesson planning, teaching material, slide, observation checklist, questionnaire, and students' test.

b. Acting

This phase was accomplished on Wednesday, October 21st and Thursday, October 22nd, 2015. It had been

done during one week in one cycle which consisted of two meetings. The teacher implemented the teaching and learning process based on the lesson planning which had been made. Here they are the activities that done by the teacher at the first meeting and second meeting in the first cycle.

1) First Meeting

The first meeting in the cycle one was conducted on Wednesday, October 21st, 2015. It was followed by 37 students. The researcher began the class by greeting, checked students' attendance, and explained the aim of the lesson. Then, the researcher decided a topic to be given to the students. Then, the researcher gave some questions related to the topic. After that, the researcher showed an example of descriptive text based on the topic and questions using slide. The researcher asked the students to read that text randomly. The researcher involved the students to identify the generic structure and language feature of the text. The researcher also gave chance to the students to ask some questions related to the material. After that, the researcher explained technique which would be used in learning descriptive text. The researcher explained the rules of guiding question technique. Then, the researcher provided a picture and some questions related to the picture. Then,

the students were asked to arrange a descriptive text (in group) by answering the guiding questions that was given. Next, the researcher asked representation of the group to present their work. After that, the researcher discussed with the students and evaluated the most-students' error. In the end of the lesson the researcher reviewed the material and explained the planning for the next meeting.

2) Second Meeting

The second meeting in cycle one was conducted on Friday, October 22nd, 2015. It was followed by 36 students. In this learning activity the researcher reviewed the last material. Then, the researcher gave writing test to the students. The students were assigned to write a descriptive text by answering some questions that was given by the researcher. In the end of the lesson the researcher involved the students to make a conclusion about the material.

c. Observing

In this phase, the researcher accomplished an observation phase during the teaching and learning process. It is about the students' activities which are found during the teaching and learning process by using observation checklist. It was used to find out to what extent the action result reached the objective.

The result of students' condition based on observation in cycle 1 was good, it was 60%. There was an improvement of students' enthusiasm and participation. They paid attention to the lesson, although some students still felt difficult in asking and answering the questions.

d. Reflecting

The researcher and the collaborator discussed about the conclusion of implementing the action. In this cycle, the students' mean score was 65.38. This analysis shows that the result of the first cycle was better than previous one. There was improvement in this cycle although it was step by step. And it shows that there were 17 students who passed the minimum standard score (KKM). It means there were under 80% students achieved the minimum standard score (KKM).

The result of observation showed that the students' condition was better than in the preliminary research but the students' enthusiasm still low. They still were not enthusiastic in listening researcher explanation. It is caused the researcher did not use clear enough voice during teaching and learning process and the researcher could not manage the students in class well. The students' also felt difficult in asking and giving their opinion about the material because the teacher did not give many chances to the students in giving and asking opinion about the material.

Based on the result of cycle 1 so the researcher decided to continue the action to the next cycle. The researcher decided to conduct the next cycle and the teacher intended to give better explanation.

3. Cycle 2

This activity was conducted on Wednesday, October 28th, 2015 and Thursday, October 29th, 2015. Knowing the result of cycle 1, the teacher and the researcher did the next cycle in order to improve students' writing skill of descriptive text.

a. Revised Planning

The planning phase of the second cycle was implemented into a lesson plan. In this case the researcher and the teacher modified the previous lesson plan into new lesson plan which had related with using guiding question technique in teaching descriptive text. There were some modifications which were accomplished, such as the use of different material and exercises. Besides, the researcher also prepared observation checklist which consist of students' activities in teaching and learning process. After that the researcher also prepared the second post-test to know the improvement of students' writing skill on descriptive text.

b. Acting

This phase was accomplished on Wednesday, October 28th and Thursday, October 29th, 2015. It had been

done during one week in one cycle which consisted of two meetings. The researcher implemented the teaching and learning process based on the lesson planning which had been made. Here they are the explanation:

1) First Meeting

The first meeting in the second cycle was conducted on Wednesday, October 28th, 2015. It was followed by 37 students. The procedure of the teaching and learning process was as same as in the first cycle at first and second meeting. Firstly, the researcher showed an example of descriptive text. Then, the researcher asked students to identify the generic structure and language feature of the text. After that, the researcher explained the material about descriptive text.

In the main activity, the researcher showed most of students error in previous test, after that the researcher divided students in pair. Then, the researcher provided some questions related to the topic to the students. After that researcher asked students to make descriptive text(in pair). Next, the researcher asked some students to present and discuss their work together. In the end of the lesson the researcher reviewed the material and explained the planning for the next meeting.

2) Second Meeting

The second meeting in cycle two was conducted on Thursday, October 29th, 2015. It was followed by 37 students. This second meeting was as same as second meeting in the first cycle. In this learning activity the teacher reviewed the last material. Then, the teacher gave writing test to the students. The students were assigned to write a descriptive text by answering some questions related to the topic that was given. After the students finished the test, the teacher gave questionnaire to the students. The purpose of this questionnaire is to know the students' response after being taught writing descriptive text by using guiding question technique. In the end of the lesson the researcher involved the students to make a conclusion about the material.

c. Observing

In the cycle 2, generally the students' condition in learning process was better than previous cycle. The students' condition was excellent, it was 84%. In this cycle, the students more enthusiastic in learning writing descriptive text. They were active in doing the activities. Most of students also tried to asking some questions and giving opinion about the material.

d. Reflecting

After finishing each phase in cycle 2, the teacher and the collaborator discussed the action of cycle 2. This phase was carried out after getting the score result of writing test. The students' writing skill on descriptive text in the cycle 2 better than cycle 1. Based on the students' score in the cycle 2, there was a good achievement that was achieved by the students. The students' mean score on writing descriptive text was 73.97. There were 32 students or 86.48% who achieved the minimum standard score (KKM).

The researcher and the collaborator satisfied because of the students' score was good. Furthermore, the students could produce a good text and they were enthusiastic and enjoyed during teaching and learning process. In addition, the researcher also has been used the technique. After knowing the result of cycle 2 and achieving the target research of where minimally 80% who passed the minimum standard score (KKM), so that the researcher and the collaborator decided to stop this Classroom Action Research (CAR).

C. Final Data Analysis

1. Data from Observation

a. Students Observation Analysis

In conducting this Classroom Action Research (CAR) the researcher did the observation during the teaching

and learning process. This observation has been conducted to gain the information about the students' activities in teaching and learning process. The observation has been done in three times; in the preliminary research, in cycle 1 and in cycle 2. The following are the result of students' observation:

Table. 4.1
The Result of Students Observation Checklist of pre cycle

Indicators		Poor (0%-20%)	Fair (21%-40%)	average (41%-60%)	Good (61%-80%)	Excellent (81%- 100)
		1	2	3	4	5
1	Students are enthusiastic in listening teacher's Explanation			√		
2	Students are enthusiastic in asking questions About the material		√			
3	Students are enthusiastic in giving opinion about the material	√				
4	Students do the assignment with full of responsibility		√			
5	Students being active in doing the assignment		√			
Total Score		10				
Percentage		40%				

$$P = \frac{x}{xi} \times 100\%$$

$$P = \frac{10}{25} \times 100\%$$

$$P = 40\%$$

Table. 4.2
The Result of Students Observation Checklist of cycle 1

Indicators		poor (0%-20%)	Fair (21%-40%)	average (41%-60%)	Good (61%-80%)	Excellent (81%- 100)
		1	2	3	4	5
1	Students are enthusiastic in listening teacher's Explanation			√		
2	Students are enthusiastic in asking questions About the material			√		
3	Students are enthusiastic in giving opinion about the material		√			
4	Students do the assignment with full of responsibility				√	
5	Students being active in doing the assignment			√		
Total Score		15				
Percentage		60%				

$$P = \frac{x}{xi} \times 100\%$$

$$P = \frac{15}{25} \times 100\%$$

$$P = 60 \%$$

Table. 4.3
The Result of Students Observation Checklist of cycle 2

Indicators		Poor (0%-20%)	Fair (21%-40%)	average (41%-60%)	Good (61%-80%)	Excellent (81%- 100)
		1	2	3	4	5
1	Students are enthusiastic in listening teacher's Explanation					√
2	Students are enthusiastic in asking questions About the material			√		
3	Students are enthusiastic in giving opinion about the material				√	
4	Students do the assignment with full of responsibility					√
5	Students being active in doing the assignment				√	
Total Score		21				
Percentage		84%				

$$P = \frac{x}{xi} \times 100\%$$

$$P = \frac{21}{25} \times 100\%$$

$$P = 84\%$$

In the table above, it can be seen that there is an improvement of students' enthusiasm and students participation in learning descriptive text. In the preliminary research the students' condition was fair, it was only 40%. In the preliminary research. The students' condition in cycle 1 was good, it was 60%. Generally, the students' enthusiasm and participation were better than in the preliminary research. In this cycle. In the cycle 2, the students' condition increased. The students' condition was excellent, it was 84%. It can be concluded that there is an improvement of students' enthusiasm, participation after being taught by using guiding question technique.

2. Data from Test

To check the students' improvement on writing descriptive text, the researcher evaluated them by giving a test in the last of every cycle. The pre-test had been given in the preliminary research. It was conducted on Sunday, October 19th, 2015, there are 37 students in the class. The students' mean

score of writing descriptive text in the preliminary research was 48,29. The highest score was 74 and the lowest score was 34. There were only 13.51% or five students who passed the minimum standard score (KKM).

The test of cycle 1 was conducted on Thursday, October 22nd, 2015. There were 36 who followed this test, they did the test during 30 minutes. They had to write a descriptive text. The mean score of students' test in cycle 1 was 65.38. There were seventeen (17) students who passed the minimum standard score (KKM) 70. The highest score was 79 and the lowest score was 48. It can be concluded that the students' achievement of writing descriptive text improved from the pre-test. Therefore, the writer must continue to the next cycle because the students could not achieve yet the standard of the Classroom Action Research (CAR) 80% of the minimum standard score (KKM) 70.

The test of cycle 2 was conducted on Thursday, October 29th, 2015. It was followed by 37 students. In this test, they had to write a descriptive text based on the result of their interview result. There were also some questions which could help the students in writing descriptive text. The mean score of students' test in cycle 2 was 73.97. There were thirty three (32) students who passed the minimum standard score (KKM) 70. Based on the test result in cycle 2, the researcher and the collaborator stopped to the next cycle, because the students

could achieve the standard of criteria action success was 80%. To prove this statement, the researcher gave a table of students' test score in pre-cycle, cycle 1, and cycle 2 to compare the result of students' score.

Table 4.4
The Result of Students' Test

Students' Name	Students' Test Score		
	Pre-Cycle	Cycle 1	Cycle 2
S-01	50	75*	80*
S-02	50	65	72*
S-03	39	72*	76*
S-04	49	65	73*
S-05	45	48	75*
S-06	50	55	74*
S-07	45	57	65
S-08	50	52	60
S-09	70*	72*	75*
S-10	55	Absent	65
S-11	52	68	69
S-12	49	76*	77*
S-13	51	60	75*
S-14	48	70*	74*
S-15	52	55	70*
S-16	51	57	76*
S-17	62	71*	76*
S-18	48	72*	74*
S-19	45	78*	80*
S-20	74*	79*	81*
S-21	47	70*	71*
S-22	49	56	74*
S-23	72*	70*	74*
S-24	58	74*	75*
S-25	45	57	63
S-26	46	64	72*

S-27	47	74*	78*
S-28	55	70*	72*
S-29	34	61	77*
S-30	44	53	80*
S-31	61	62	83*
S-32	71*	73*	77*
S-33	51	74*	79*
S-34	53	61	70*
S-35	49	57	74*
S-36	53	60	74*
S-37	70*	71*	77*
Total Score	1787	2354	2737
Mean	48.29	65.38	73.97

**The students who passed the minimum standard score (KKM) 70.*

Based on the table above, it showed there were five students who passed KKM in pre-cycle, fourteen in cycle 1, and thirty two in cycle 2. To analyze all data, the researcher would calculate the students' mean score and calculate the class percentage in every test.

In analyzing the data of test, the first step is to get the mean score of the test. It is calculated by using this formula:
(Pre-cycle)

$$M = \frac{\sum X}{N}$$

$$M = \frac{1787}{37}$$

$$M = 48.27$$

(Cycle 1)

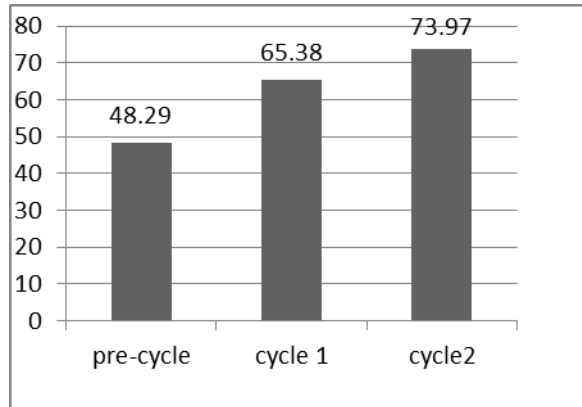
$$M = \frac{\sum X}{N}$$
$$M = \frac{2354}{36}$$
$$M = 65.38$$

(Cycle 2)

$$M = \frac{\sum X}{N}$$
$$M = \frac{2737}{37}$$
$$M = 73.97$$

From the first calculation, it showed the mean score of the test in pre-cycle was 48.27. The second calculation showed the mean score of the test in cycle 1 was 65.38. The third calculation showed the mean score of the test in cycle 2 was 73.97. It means that the indicator of achievement was reached because there was an improvement of students' writing score on descriptive text. It could be seen from the chart below:

Figure 4.1
The Students' Mean Score



Next, the step to know the percentage of students' score who pass the minimum standard score (KKM) in every test it used the formula as follow:

(Pre-cycle)

$$P = \frac{F}{N} \times 100\%$$

$$P = \frac{5}{37} \times 100\%$$

$$P = 13.51\%$$

(Cycle 1)

$$P = \frac{F}{N} \times 100\%$$

$$P = \frac{17}{36} \times 100\%$$

$$P = 47.22$$

(Cycle 2)

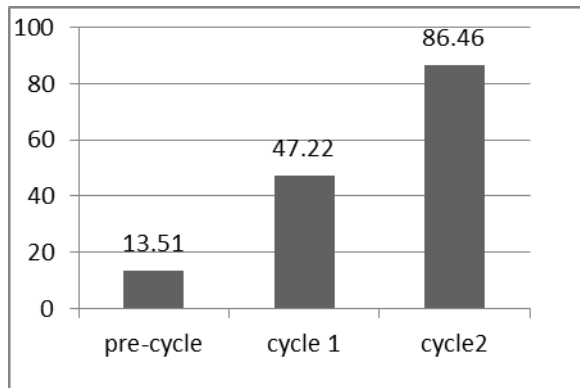
$$P = \frac{F}{N} \times 100\%$$

$$P = \frac{32}{37} \times 100\%$$

$$P = 86.46$$

From the calculation above, it is showed the students' percentage in preliminary research is 13.51%, the students' percentage in cycle 1 is 47.22%, and the students' percentage in cycle 2 is 86.48%. From the percentage of cycle 2, it can be concluded that the indicator of achievement was reached too. Because, there was more than 80% students passed the minimum standard score (KKM) 70. It could be seen from the chart below:

Figure 4.2
The Students' Percentage who Achieved KKM



3. Data from Questionnaire

The questionnaire was conducted to know about students' response after learning writing descriptive text through guiding question technique. The questionnaire which has been used in this research was closed questionnaire. This

questionnaire has five questions. The questionnaire was given to the students on Thursday, October 29th, 2015. The following was the table of students' questionnaire result:

Table 4.5
The Result of Questionnaire

Number of Question	Total of Students	
	YES	NO
1	28	9
2	26	11
3	23	14
4	30	7
5	30	7

The following was the description of the result of questionnaire:

- a. The students like the English learning process using guiding question technique.

The result of first question showed that 75% the students answer "Yes" or 28 students like the English learning process using guiding question technique. Based on the interpretation of students' questionnaire if the answer showed 75% it was good criterion.

- b. The students are enthusiastic in learning descriptive text using guiding question technique.

The result showed that 70% the students answer "Yes" or 26 students are enthusiastic in learning English using guiding question technique. Based on the

interpretation of students' questionnaire if the answer showed 70% it was good criterion.

- c. The students want to be more active in learning descriptive text using guiding question technique.

The result showed that 62% the students answer "Yes" or 23 students want to be more active in learning descriptive text using guiding question technique. Based on the interpretation of students' questionnaire if the answer showed 62% it was good criterion.

- d. Guiding question technique can help the students to comprehend the material about descriptive text.

The result showed that 81% the students answer "Yes" or 30 students agree that guiding question technique can help them to comprehend the material about descriptive text. Based on the interpretation of students' questionnaire if the answer showed 81% it was excellent criterion.

- e. The students feel easier in writing descriptive text after being taught by using guiding question technique.

The result showed that 81% the students answer "Yes" or 30 students feel easier writing descriptive text after being taught by using guiding question technique. Based on the interpretation of students' questionnaire if the answer showed 81% it was excellent criterion.