

## **CHAPTER IV**

### **RESEARCH FINDINGS**

This chapter presents general data of SD Islam Al – Azhar 25 Semarang, the research findings and the discussion of the research itself.

#### **A. General Data**

SD Islam Al – Azhar 25 Semarang is one of institutions belongs to YPI Al Fikri. YPI Al Fikri was established in 1990 that has 2 educational institutions, KB – TK Islam Al Azhar 22 or Kindergarten, SD Islam Al Azhar 25 or Primary School, and SMP Islam Al Azhar 23 or Junior High School.

SD Islam Al Azhar 25 at located in JL. WR Supratman Kav 31 – 32 Semarang. It has twenty four main buildings from first grade up to six grades. Each class consists of four classes. SD Islam Al – Azhar has 47 teachers, the headmaster of school is Mr. Budiarno, S.Pd. In this research, the researcher was helped by Mr. Anisul Fuad, S.Pd as English teacher of four grades.

In 2009/2010 years, SD Islam Al – Azhar 25 has 670 students. The curriculum used is combination between Diknas curriculum and Al – Azhar curriculum. The sample class in this research is a fourth B grade class. There are 30 students as participants; consisting of 15 women and 15 men.

In their learning activities, students mostly use students book and students workbook entitled NEW PARADE 4. Dealing with teaching learning English, this school has a library room, computer's laboratory and language laboratory.

#### **B. Research Finding**

##### **1. Pre Cycle**

Pre cycle was conducted on November 18, 2009. Based on the observation result of the vocabulary teaching learning process, the researcher saw that teacher still taught the class by using conventional method, where teacher explained, and students listened. In the last time, students had to do some assessments. There were 15 questions in the test.

It was followed by 30 students as the participants of the study. The teacher provided 30 minutes for them to do the test. The score from pre cycle that applied to correspondence could be seen in the table below:

**Table 4.1**  
**Scoring Data from the first Test in Pre Cycle**

No	Students Code	Score
1.	A1	53
2.	A2	40
3.	A3	40
4.	A4	60
5.	A5	47
6.	A6	60
7.	A7	63
8.	A8	20
9.	A9	60
10.	A10	40
11.	A11	55
12.	A12	47
13.	A13	53
14.	A14	67
15.	A15	67
16.	A16	67
17.	A17	60
18.	A18	67
19.	A19	40
20.	A20	45
21.	A21	53
22.	A22	37
23.	A23	47
24.	A24	33
25.	A25	47
26.	A26	47
27.	A27	45
28.	A28	75
29.	A29	53
30.	A30	40
$\Sigma = 30$		$\Sigma = 1528$ $M = \frac{\Sigma X}{N}$ $= \frac{1528}{30}$ $= 50.933333$

According to table above, the final score of test was also counted by using the formula below:

$$M = \frac{\sum X}{N} = \frac{1528}{30} = 50.933333$$

The result of the students test is not satisfying yet. It can be seen from the average score of the students test for pre cycle is 50.933333 , it means that the result is low. The researcher is aware that most of the students in class 4B still have difficulties in mastery vocabulary. Hence, the researcher intended to help them to improve their vocabulary in learning English by using multimedia VCD so that it could improve their mastery on vocabulary.

## 2. First Cycle

The first cycle was held on November 25, 2009. The researcher did research by using multimedia VCD to improve students' mastery on vocabulary at class IV B SD Al – Azhar 25 Semarang. There were steps in this cycle such as bellow:

### a. Planning

The researcher prepared VCD materials, made lesson plan, arranged worksheet, made evaluation from the first cycle, arranged the observation checklist, documenting, reflecting and evaluating.

### b. Acting

In this step, the teacher started the lesson by greeting, asking students to pray together, checking attendance, and giving apperception by giving some question, such as have you ever go to Taman Safari? Or have you ever go to the Zoo? What did you see on there? etc. The teacher explained what will be learned on that time. Teacher showed a short dialog in VCD to the students and explained the interests of it, then students gave their attention on it. Teacher played the first disc then students watched and listened. Every while, teacher paused the VCD and asked the students about the material. The

teacher gave some repetition about the vocabulary, then students repeated what the teacher said.

After all of the activities, the teacher asked students to watch the VCD once again and gave questions to the students to mention the name of animals with a little description about it, then students guessing the names of picture in the past. At the end of lesson the teacher gave some test to the students to measure their achievement in learning vocabularies. Finally, the teacher closed the lesson by saying hamdalah.

The result score of the first cycle was gotten by researcher from the test. There were 13 questions. The score of students in the first cycle could be seen in the table below:

**Table 4. 2**  
**The Result Score from the Test of Using Multimedia**  
**VCD to Improve Students' Mastery on**  
**Vocabulary at the First Cycle**

No	Students Code	Score
1.	A1	50
2.	A2	67
3.	A3	40
4.	A4	67
5.	A5	83
6.	A6	36
7.	A7	37
8.	A8	53
9.	A9	70
10.	A10	80
11.	A11	70
12.	A12	80
13.	A13	53
14.	A14	43
15.	A15	80
16.	A16	56
17.	A17	73
18.	A18	80
19.	A19	50
20.	A20	80

21.	A21	60
22.	A22	40
23.	A23	57
24.	A24	63
25.	A25	63
26.	A26	80
27.	A27	60
28.	A28	87
29.	A29	57
30.	A30	63
$\Sigma = 30$		$\Sigma = 1878$ $M = \frac{\Sigma X}{N}$ $= \frac{1878}{30}$ $= 62.6$

According to table above, the final score of test was also counted by using the formula below:

$$M = \frac{\Sigma X}{N} = \frac{1878}{30} = 62.6$$

The average of the students test result of the first cycle was 62.6. There is an improvement compared to the pre – cycle. But the students still had difficulty in mastering vocabularies. Hence, the researcher decided to conduct the next cycle and the teacher intended to give better explanation to the students.

### c. Observing

The researcher observed students in learning process at class by using observation. This observation was done in learning process that used multimedia VCD to teach vocabulary at the fourth grade of SD Islam Al – Azhar 25 Semarang. There were notes for student's participation in this research. That could be seen in the table below:

**Table 4.3**  
**Score of observation in first cycle**

No	Indicator	Poor (0-20%)	Fair (21-40%)	Average (41-60%)	Good (61-80%)	Excellent (81-100%)	Total score
		1	2	3	4	5	
1.	Student's attendance.					✓	5
2.	Student's pay attention toward teacher's explanation.			✓			3
3.	Students' seriousness in understanding the material.			✓			3
4.	Students' are enthusiastic in asking and responding teachers' question.		✓				2
5.	Students ask questions to clarify understanding.		✓				2
6.	Students are active during learning and teaching process.			✓			3
7.	Students are active in answering the teacher's question.		✓				2
8.	Students are enthusiastic in doing the test.			✓			3
9.	Students' discipline in doing the task in individual work.			✓			3
10.	Students memorize new vocabulary easily.			✓			3
Total score		0	6	18	0	5	29

$$\begin{aligned}
 \text{Score} &= \frac{\text{total score}}{\text{maximum score}} \times 100\% \\
 &= \frac{29}{50} \times 100 \\
 &= 58\%
 \end{aligned}$$

First meeting, 100% students were attended in class. From observation, the researcher knew that students attentions to the lesson were least about 42%, it can be seen from their seriousness in learning

process were 50%. They still afraid to asked the teacher when they did not understand the material about 40%. And 40% students did not respon well the teacher questions . Here, some students made noisy when teacher explained the material, because they still confused with the researcher direction. Students' activeness were 55% average. Most of students did not join the class enthusiastically and still did not respond well. Students still did not focus on the material, they did not listen to teacher's explanation. 58% students lest enthusiastic in doing the test, were 58% students did not discipline in doing the test in individual. In understanding the dialog, the students felt difficult because the students not knew the meaning of vocabulary in the dialog. In memorizing noun, 56% students felt lazy because there were some words that they felt difficult to knew meaning of vocabulary and still unfamiliar.

#### **d. Reflecting**

The result of the test above showed that there were 14 students had finished in the test and 16 students passed. The mean in the first cycle was 62.6. By observing the students' participation, the researcher knew that the students was less enthusiastic and did not respond well the teacher explanation in learning vocabulary by using VCD, where many students still passive in learning process.

Based on the notes above, the teacher may be more attention to the students' participation and more creative in delivering material by using multimedia VCD. The researcher completed observing the students activities in the first cycle and then she did reflecting and evaluating the learning activities in the first cycle and then tried to get solution on the problem. Her suggestion are:

- 1) Teacher should manage class well.
- 2) Teacher prepared the material well and should be master in using media.
- 3) Teacher made class condition well to get students be more active.

- 4) Teacher asked students to be more attentive on her explanation and asked them to do work by themselves.
- 5) Teacher noted all of activities in class in learning process.

The result from the reflecting could be used to make improvement. It was also used as reflecting for doing second cycle to get maximum research and improve the third cycle if the result of the second cycle was unsatisfied.

### **3. Second Cycle**

This cycle was held on December 10, 2009. This cycles consisted of several steps such as below:

#### **a. Planning**

The researcher and the teacher planned some activities to get maximum result in the second cycle. The teacher tried not to do some weakness such as the first cycle. The researcher planned of the second cycle such arranging lesson plan, attendance list, observation checklist, evaluation test, and documenting for the second cycle.

#### **b. Acting**

The teacher was started the learning process by greeting, asking students to pray together, and checking attendance. Then teacher gave review about material on the past. Next, she begun the lesson by giving some activities using her gesture to brainstorm the students to the next materials such as writing using her hand, walking, closing the door, etc. Then students knew what the material on that day is part of body. After finished on that activity, teacher showed a lot off vocabulary about part of body with slide picture from VCD. The teacher paused the VCD and gave some question to the students, after that she asked them to mention or repute the words.

To make the students easier in learning new vocabulary the teacher gave a song. The students should practice and memorize it. Also they tried out to make sentences from the word that given by the teacher. From those process, the teacher observed the students'



mastery on vocabulary by making sentences. If there were mistakes, the teacher corrected and gave example in correct word or sentences.

After doing all of the activities, the teacher evaluated the students by giving test. The test was used to measure the learning process. The last, the teacher gave motivation to the students and closed the meeting by saying hamdalah.

The score in the second cycle was gotten by the researcher from test. There were 15 questions. The score of students evaluation could be seen in the table below:

**Table 4.4**  
**The Result Score from the Test of Using Multimedia**  
**VCD to Improve Students' Mastery on**  
**Vocabulary at the Second Cycle**

No	Students Code	Score
1.	A1	60
2.	A2	78
3.	A3	64
4.	A4	88
5.	A5	90
6.	A6	74
7.	A7	72
8.	A8	80
9.	A9	74
10.	A10	88
11.	A11	72
12.	A12	86
13.	A13	90
14.	A14	66
15.	A15	90
16.	A16	76
17.	A17	78
18.	A18	84
19.	A19	80
20.	A20	68
21.	A21	74
22.	A22	56
23.	A23	80
24.	A24	64
25.	A25	62

26.	A26	82
27.	A27	64
28.	A28	94
29.	A29	80
30.	A30	74
$\Sigma = 30$		$\Sigma = 2288$ $M = \frac{\Sigma X}{N}$ $= \frac{2288}{30}$ $= 76.266667$

According to the table above, the final score of test was also counted by using the formula below:

$$M = \frac{\Sigma X}{N} = \frac{2288}{30} = 76.266667$$

From the result score test above, the average of the students test result of the second cycle was 76.266667. The researcher found that the implementation of multimedia VCD to improve students' mastery on vocabulary got better, but there were some students getting low score. It means that the researcher needed one more cycle to measure students' mastery on vocabulary.

### c. Observing

The researcher observed the students learning process in class. This observation was done especially in using multimedia VCD to teach vocabulary at the fourth grade of SD Islam Al – Azhar 25 Semarang. There were notes for student's participation in this research. That could be seen in the table below:

**Table 4.5**

**Score of observation in second cycle**

No	Indicator	Poor (0- 20%)	Fair (21- 40%)	Average (41- 60%)	Good (61- 80%)	Excelle nt (81- 100%)	Total score
		1	2	3	4	5	
1.	Student's attendance.					✓	5
2.	Student's pay			✓			3

	attention toward teacher's explanation.						
3.	Students' seriousness in understanding the material.			✓			3
4.	Students' are enthusiastic in asking and responding teachers' question.			✓			3
5.	Students ask questions to clarify understanding.			✓			3
6.	Students are active during learning and teaching process.				✓		4
7.	Students are active in answering the teacher's question.			✓			3
8.	Students are enthusiastic in doing the test.			✓			3
9.	Students' discipline in doing the task in individual work.			✓			3
10.	Students memorize new vocabulary easily.			✓			3
Total score		0	0	24	4	5	33

$$\begin{aligned} \text{Score} &= \frac{\text{total score}}{\text{maximum score}} \times 100\% \\ &= \frac{33}{50} \times 100 = 66\% \end{aligned}$$

Based on the result of observation above, that many activities in the second cycle could be increase. 100% students were attended in class, it could be seen that the of the students joined the class enthusiastically and 70% students were more active in the second cycle. 50% students were able to respond the teacher's explanation better; students did not afraid again to ask the teacher if they did not understand about the material. Their enthusiastic and their discipline in

doing the task in individual were increase about 60%. The students tried to answer the questions correctly and enthusiastically.

#### **d. Reflecting**

From the test score in the second cycle above, it showed that there were 24 students had finished in the test and 6 students passed. The mean of second cycle was 76.266667. It showed there were some students having low achievement in learning program.

From the result of the observation above, showed that students were enthusiastic in learning vocabulary by using multimedia VCD. It could be seen from the students' participation that the student's activeness was enough, where many students were active during learning teaching process.

Based on the notes above, the researcher paid attention toward students achievement. The researcher tried to get solution on the problem by planning some action such as below:

- 1) Teacher asked students to focus on study.
- 2) Teacher asked students to pay attention on her explanation.
- 3) Teacher asked students to memorize well the vocabulary.
- 4) Teacher said to the students if they got some difficulties in learning English, they might ask question to her to clarify their understanding.

The result from the reflecting could be used to make improvement. It was also used as reflecting for doing third cycle to get maximum research, because the result of the second cycle unsatisfied the researcher will done one cycle again.

#### **4. Third Cycle**

This cycle was held on 2 January, 2010. this cycles consisted of several steps such as below:

##### **a. Planning**

The researcher and the teacher planned some activities to get maximum result in the third cycle. The researcher planned of the third

cycle such as arranging the lesson plan, attendance sheet, observation checklist, evaluation test, and documenting for the third cycle.

**b. Acting**

The teacher started the lesson by greeting, asking students to pray together, and checking attendance. The teacher gave a review about the previous material. Then the teacher gave a small discussion about the supermarket. Students responded to the discussion by answering questions about the supermarket. The teacher showed a lot of vocabulary or short conversations about names of food by using video compact discs. The teacher gave some repetitions about the vocabulary, and then students repeated what the teacher says.

After all of the activities had finished, the researcher divided students into 6 groups and each group consisted of 5 students. The researcher asked each group to match some pictures and words with their meaning quickly and then 2 students from each group came forward in front of the class to stick pictures on the wall.

To measure the students' mastery on vocabulary, the teacher asked students to make sentences. The teacher pointed to one student to another student. When the students made some mistakes, the teacher corrected them directly. At last, the teacher gave a test to evaluate the students and closed the lesson.

The scores in the third cycle were obtained by the researcher from the test. There were 13 questions. The scores of the students' evaluation could be seen in the table below:

**Table 4.6**  
**The Result Score from the Test of Using Multimedia**  
**VCD to Improve Students' Mastery on**  
**Vocabulary at the Third Cycle**

No	Students' Code	Score
1	A1	77
2	A2	80
3	A3	87
4	A4	83
5	A5	90
6	A6	80
7	A7	73
8	A8	100
9	A9	97
10	A10	70
11	A11	87
12	A12	90
13	A13	83
14	A14	80
15	A15	87
16	A16	67
17	A17	90
18	A18	80
19	A19	77
20	A20	73
21	A21	83
22	A22	77
23	A23	87
24	A24	93
25	A25	67

26	A26	80
27	A27	70
28	A28	90
29	A29	97
30	A30	83
$\Sigma = 30$		$\Sigma = 2478$ $M = \frac{2478}{30}$ $= 82.6$

According to the table above, the final score of test was also counted by using the formula as follows:

$$M = \frac{\Sigma X}{N} = \frac{2478}{30} = 82.6$$

Where  $\Sigma$  represents “sum of”, X represents any raw score value, N represents the total number of raters, and M represents the mean. The average of the students test result of the second cycle was 82.6. The researcher felt that the implementation of multimedia VCD to improve students’ mastery on vocabulary was successfully. The students use of the target language increased as well as their motivation to learn English.

### c. Observing

The researcher observed the students learning process in class. This observation was done especially in using multimedia VCD to teach vocabulary at the fourth grade of SD Islam Al – Azhar 25 Semarang. There were notes for student’s participation in this research. It could be seen in the table below:

**Table 4.7**

#### **Score of observation in third cycle**

No	Indicator	Poor (0-20%)	Fair (21-40%)	Average (41-60%)	Good (61-80%)	Excellent (81-100%)	Total score
		1	2	3	4	5	
1.	Student’s attendance.					✓	5
2.	Student’s pay attention				✓		4

	toward teacher's explanation.						
3.	Students' seriousness in understanding the material.				✓		4
4.	Students' are enthusiastic in asking and responding teachers' question.				✓		4
5.	Students ask questions to clarify understanding.				✓		4
6.	Students are active during learning and teaching process.				✓		4
7.	Students are active in answering the teacher's question.				✓		4
8.	Students are enthusiastic in doing the test.				✓		4
9.	Students' discipline in doing the task in individual work.				✓		4
10.	Students memorize new vocabulary easily.				✓		4
Total score		0	0	0	36	5	41

$$\begin{aligned}
 \text{Score} &= \frac{\text{total score}}{\text{maximum score}} \times 100\% \\
 &= \frac{41}{50} \times 100\% \\
 &= 82\%
 \end{aligned}$$

According to the result of the observation above, it can be concluded that majority of the students joined the class enthusiastically. All activities in the third cycle could run well. It can be seen from students responses were 80%. When the teacher was presenting the materials, 78% the students were paying attention to her and they tried to answer the questions enthusiastically and correctly.

#### d. Reflecting

From the test score in the third cycle above, it showed that there were 30 students had finished in evaluation test is better. It



showed that students had good achievement in the study by using multimedia VCD to improve students' mastery on vocabulary.

The result of the student's participation showed that there were students were good participation. It means that the students were good in respond the material and become active in learning process.

From the researcher observation, it showed that students were more active in the third cycle. They were able to respond the teacher's explanation. Then students were more active to ask the teacher if they did not understand about how to pronounce the word, what is going on that VCD, and also the meaning of word. They were do the work by themselves.

Teaching vocabulary using multimedia VCD was able to improve students' mastery on vocabulary. The student's achievement was fulfilled although there were students were still did not getting satisfy achievement. By analyzing result of the third cycle, this research was stopped by the researcher.

### **C. The analysis of the Whole Meeting**

The objectives of the study were to describe the implementation of teaching concrete noun by using multimedia VCD and to find out the improvement of student's mastery on concrete noun by using multimedia VCD at the fourth grade students of SD Islam Al – Azhar 25 Semarang in the Academic Year 2009/2010.

In using multimedia VCD to teach vocabulary, the students could listen, see and spell the words based on video compact disc. The researcher showed the slide dealing with learning vocabulary, then paused the part of section. The researcher gave some question related to the video and students gave feedback. On that VCD there are some section such as short dialog, song, games and word picture. The implementation of VCD in teaching vocabulary was clear. The students could be easy in memorizing vocabularies then they become master on it.

Based on the result above, we saw the result of the tests in every cycle. There was some significant improvement from the pre cycle to cycle three. The result of whole tests as follows:

**Table 4.8**  
**Comparison the average of students pre cycle,**  
**cycle 1, cycle 2, and cycle 3**

No	Cycle	Mean
1.	Pre cycle	50.933333
2.	Cycle 1	62.6
3.	Cycle 2	76.266667
4.	Cycle 3	82.6

In the student's observation, it could be concluded by seeing the table below:

**Table 4.9**  
**Comparison percentage students enthusiastic in response**  
**teaching and learning process using VCD**  
**on cycle 1, cycle 2 and cycle 3.**

No	Cycle	Total score	Percentage (%)
1.	Cycle 1	29	58%
2.	Cycle 2	33	66%
3.	Cycle 3	41	82%

From the tables above, the researcher can conclude that there was significant improvement on students' mastery on concrete noun after taught using multimedia VCD. From pre cycle showed that students' achievement was 50.933333 it means that still low ability in some students, because the standardized from KKM was 65.

In the cycle I showed that there was increasing students' achievement up to 62.6. From cycle II the students' achievement more increase 76.266667. For the last cycle or cycle III was 82.7 increased. It means there was improvement in every cycle after using multimedia VCD.