

## CHAPTER IV

### PRESENTATION OF DATA ANALYSIS

Research results are described in three cycles of learning made in teaching and learning in classroom, as follows.

#### A. The Cycle 1

Cycle 1<sup>st</sup> has done at 2 April 2011, and the purpose is to determine the level of student mastery in reading with a scanning.

**Table1. The observation result of student activity in improving reading ability in the first cycle.**

NO	INDICATORS	SCORE	PERCENTAGE
1	Listening to the teacher	72	12
2	Reading fluency	75	12,5
3	Answering question Ability	63	10,5
4	Student activity in the lesson	61	10,16
5	Student cheerful in the lesson	62	10,33
	<b>TOTAL OF SCORE</b>	<b>333</b>	<b>55.5</b>

Based on, the total scores students activity in teaching and learning activity above can be percentage as follows:

$$\text{Percentage} = \frac{\text{Total Score}}{600} \times 100 = \frac{333}{600} \times 100 = 55.5$$

From the percentage result of observer student activity in teaching and learning activity at the first cycle was included in the category of less active with

a total acquisition score of 333 while the number of total score ideally is 600. This happens because students are not accustomed to read with the scanning method.

**Table 2. The observation result of teacher activity in improving reading ability in the first cycle.**

No	INDICATOR	YES	NO
<b>I</b>	<b>Pre-Activity</b>		
2	Creating a lesson plan	√	
3	Check the readiness of students		√
4	Delivering learning objectives will be developed	√	
5	Write the title of the material that will be developed on the board	√	
6	Apperception		√
7	Motivation		√
<b>II</b>	<b>While activity</b>		
8	Reading the text to be taught	√	
9	Member an opportunity for students to explore the difficult vocabulary		√
10	Writing out the difficult vocabulary on the board		√
11	Explaining the text to be taught	√	
12	Giving reading a question about scanning	√	
13	Implement the learning competencies in accordance with the objectives to be achieved	√	
14	Member student worksheet (LKS)	√	
15	Implementing learning after another	√	
16	Linking learning in accordance with the allocation of time	√	

17	Using the Media	√	
18	Using the method	√	
19	Partisipasi foster active student learning	√	
20	Shows the response open to student response	√	
21	Cultivate cheerfulness and enthusiasm of the students in learning	√	
22	Using spoken and written in clear, good and true	√	
23	Create a summary by involving students	√	
24	Make an assessment (test) end in accordance with the competency goals		√
25	Delivering the results of the assessment (test) to students		√
26	Reward		√
27	Assigned tasks to the students to repeat the lesson being taught	√	
28	Closing the learning	√	
	<b>TOTAL</b>	<b>19</b>	<b>9</b>

Based on, the total score teacher activity in teaching and learning activity

above can be percentage as follows:

$$\text{Percentage} = \frac{\text{Total Score}}{28} \times 100 = \frac{19}{28} \times 100 = 67.8$$

The observation of the activity of the teacher in teaching and learning activities in the first cycle in a category quite well with the acquisition score of 19 or 67.8% while the ideal score is 28, this happens because teachers are less able to direct and guide students in reading text scanning methods.

**Table 3. The Result of Improving Reading Ability with Scanning in the First Cycle**

No	RESULT	MANY OF STUDENT	PERCENTAGE (%)	COMPLETENESS	
				Yes	NO
1	35-40				√
2	41-45	2	8,4		√
3	46-50	3	12,5		√
4	51-55	-	-		
5	56-60	5	20,8		√
6	61-65	2	8,4	√	
7	66-70	8	33,4	√	
8	71-75	1	4,16	√	
9	76-80	3	12,5	√	
		24	100		

From the above data it is known that the students who finished reading by using scanning techniques is 14 person, or 58.4% with an average of 64.3, while students who have not completed as many as 10 persons, or 41.7%

For more details the result is presented in a table of one cycle for the development of reading ability with scanning at the class IB MTs Hidayatussalam

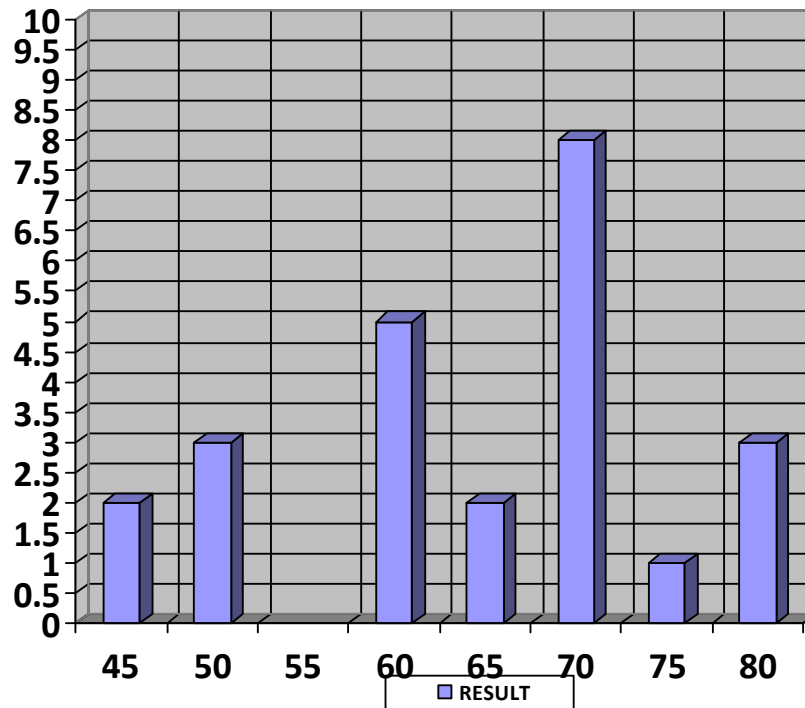
**Table 4: The First Cycle of Improving Reading Ability with Scanning**

NO.	STUDENT NAME	M/F	RESULT	COMPLETENESS	
				YA	TIDAK
1	Ahmad Bakrie	male	70	√	
2	Ahmad Muslih	male	65	√	
3	Ahmad Supian	male	70	√	
4	Ahmad Tajeli	male	70	√	
5	Aulia Azizah	female	80	√	
6	Desy Rahmawati	female	65	√	
7	Dewi Lestari	female	70	√	
8	Hariadi Kadarisman	male	50		√
9	Hariyati Ulfah	female	50		√
10	Lailatul Kadariah	female	60		√
11	Latif	male	60		√
12	M.Rahmadi	male	60		√
13	M, Rizaini	male	60		√
14	M.Zainul Ilmi	male	50		√

15	Mahyuni	male	75	√	
16	Maisarah	female	70	√	
17	Megawati	female	70	√	
18	Muhammad Lamsi	male	60		√
19	Muhammad Maulana	male	80	√	
20	M.Rais	male	45		√
21	Noor Sariati	female	80	√	
22	M.Pahruji	male	45		√
23	Siti Maria	female	70	√	
24	Sri Rahmayanti	female	70	√	
			<b>1545</b>	14	10
			<b>64,3</b>		

The table above shows that the reading ability of students at class 1b by using scanning technique is not optimally managed and requires improvement. The data also show the weak levels of mastery in the first cycle. Therefore, there is a need for continuation of learning that can be presented at the second cycles. Based on the above table, so for knowing how large percentage of student success in the first cycle, below we graph shows it.

TABLE, STUDENTS READING ABILITY IN 1st CYCLE



The graph shows that the result of students is quite variable, this means that it will need new knowledge for researcher to improve the student's mastery as well as a road for the first time in solving the problem. On the graph of the number of 24 people then it can be obtained the following data:

- for the achievement of 45 as much as 2 students
- for the achievement of 50 as much as 3 students
- for the achievement of 55 as much as 0 students
- for the achievement of 60 as much as 5 students
- for the achievement of 65 as much as 2 students
- for the achievement of 70 as much as 8 students

- for the achievement of 75 as much as 1 students
- for the achievement of 80 as much as 3 students

### **B. Cycle 2<sup>nd</sup> ( The Second Cycle)**

The Second Cycle has done at 02 May 2011, and the purpose is to know determine the level of students' mastery of reading development with a scanning.

**Table1.The observation result of student activity in improving reading ability in the second cycle**

<b>NO</b>	<b>INDICATORS</b>	<b>SCORE</b>	<b>PERCENTAGE</b>
1	Listening to the teacher	75	12.5
2	Reading fluency	80	13.3
3	Answering question Ability	70	11.6
4	Student activity in the lesson	65	10.8
5	Student cheerful in the lesson	75	12.5
	<b>TOTAL OF SCORE</b>	<b>355</b>	<b>59.1</b>

Based on, the total score students activity in teaching and learning activity

above can be percentage as follows

$$\text{Percentage} = \frac{\text{Total Score}}{600} \times 100 = \frac{355}{600} \times 100 = 59.1$$

From the percentage result of observer student activity in teaching and learning activity at the second cycle was included in the category of enough active with a total acquisition score of 355 while the number of total score ideally is 600. This happens because students are getting used to reading by using the scanning method.



**Table 2. The observation result of teacher activity in improving reading ability in the second cycle**

No	INDICATOR	YES	NO
I	Pre-Activity		
2	Creating a lesson plan	√	
3	Check the readiness of students		√
4	Delivering learning objectives will be developed	√	
5	Write the title of the material that will be developed on the board	√	
6	Apperception		√
7	Motivation		√
II	While activity		
8	Reading the text to be taught	√	
9	Member an opportunity for students to explore the difficult vocabulary		√
10	Writing out the difficult vocabulary on the board		√
11	Explaining the text to be taught	√	
12	Giving reading a question about scanning	√	
13	Implement the learning competencies in accordance with the objectives to be achieved	√	
14	Member student worksheet (LKS)	√	
15	Implementing learning after another	√	
16	Linking learning in accordance with the allocation of time	√	
17	Using the Media	√	
18	Using the method	√	

19	Partisipasi foster active student learning	√	
20	Shows the response open to student response	√	
21	Cultivate cheerfulness and enthusiasm of the students in learning	√	
22	Using spoken and written in clear, good and true	√	
23	Create a summary by involving students	√	
24	Make an assessment (test) end in accordance with the competency goals		√
25	Delivering the results of the assessment (test) to students		√
26	Reward		√
27	Assigned tasks to the students to repeat the lesson being taught	√	
28	Closing the learning	√	
	<b>TOTAL</b>	<b>20</b>	<b>8</b>

Based on, the total score teacher activity in teaching and learning activity

above can be percentage as follows:

$$\text{Percentage} \frac{\text{Total Score}}{28} \times 100 = \frac{20}{28} \times 100 = 71.4$$

the observation of the activity of the teacher in teaching and learning activities in the first cycle in a category quite well with the acquisition score of 20 or 71.4% while the ideal score is 30, this happens because teachers are less able to direct and guide students in reading text scanning methods.

**Table 3. The Result of Improving Reading Ability with Scanning in the 2<sup>nd</sup> Cycle.**

No	RESULT	MANY OF STUDENT	PROSENTASE (%)	COMPLETENESS	
				Yes	NO
1	35-40	-	-	-	-
2	41-45	1	4.16	-	√
3	46-50	1	4.16	-	√
4	51-55	-	-	-	-
5	56-60	1	4.16	-	√
6	61-65	4	16.7	√	-
7	66-70	9	37.5	√	-
8	71-75	3	12,5	√	-
9	76-80	5	20.8	√	-
		24	100		

From the above data, it is known that the students are finished reading by using scanning techniques are 21 persons, or 87.5% with who have the average of 69.6, the student have not completed as many as 3 persons, or 12.5%.

For more details, the data will be presented in a table of two cycles for the development of reading ability with scanning at the class IB MTs Hidayatussalam

**Table 4: The second Cycle of Improving Reading Ability with Scanning**

NO.	STUDENT NAME	M/F	RESULT	COMPLETENESS	
				YA	TIDAK
1	Ahmad Bakrie	male	80	√	
2	Ahmad Muslih	male	70	√	
3	Ahmad Supian	male	75	√	
4	Ahmad Tajeli	male	75	√	
5	Aulia Azizah	female	80	√	
6	Desy Rahmawati	female	70	√	
7	Dewi Lestari	female	75	√	
8	Hariadi Kadarisman	male	60		√
9	Hariyati Ulfah	female	65	√	
10	Lailatul Kadariah	female	70	√	
11	Latif	male	70	√	
12	M.Rahmadi	male	65	√	
13	M, Rizaini	male	65	√	
14	M.Zainul Ilmi	male	65	√	

15	Mahyuni	male	70	√	
16	Maisarah	female	70	√	
17	Megawati	female	70	√	
18	Muhammad Lamsi	male	80	√	
19	Muhammad Maulana	male	80	√	
20	M.Rais	male	45		√
21	Noor Sariati	female	80	√	
22	M.Pahruji	male	50		√
23	Siti Maria	female	70	√	
24	Sri Rahmayanti	female	70	√	
			<b>1670</b>	<b>21</b>	<b>3</b>
			<b>69,6</b>		

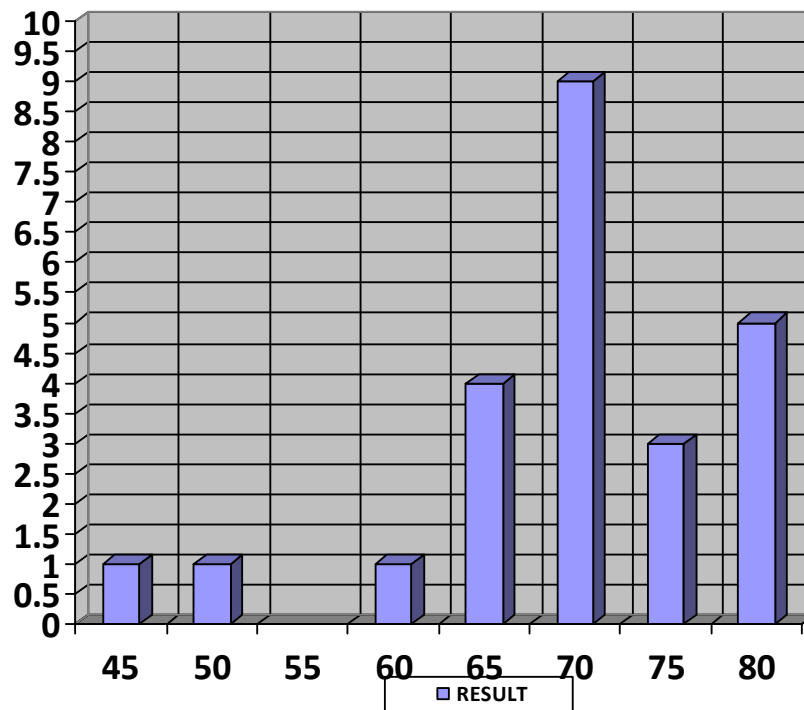
The table above shows that the reading ability of students in the class 1b who are using scanning technique in this second cycle increase, a fairly significant where there is a change that is expected by the researcher, but although there are also drawbacks, where there are still students who have not success, it has happened because the student's ability indeed very limited, until they have a maximum values.

In that table above, the students who have success as many as 21 persons and the students have success as many as 3 persons.

With the achievement of the average value of 69.6, the second cycles show a success.

Having seen the table, then the research data can also be displayed in the chart below:

TABLE , THE STUDENTS' READING ABILITY IN 2ST CYCLE



The graph shows that the result of students who obtained quite variable, this means it will add new knowledge for researchers to improve student mastery as well as a road for the first time in solving the problem. On the graph of the number of 24 people then it can be obtained the following data:

- for the achievement of 45 as much as 1 students
- for the achievement of 50 as much as 1 students

- for the achievement of 55 as much as 0 students
- for the achievement of 60 as much as 1 students
- for the achievement of 65 as much as 4 students
- for the achievement of 70 as much as 9 students
- for the achievement of 75 as much as 3 students
- for the achievement of 80 as much as 5 students

### C. Cycle 3 (The third cycle)

The Third cycle held on 2 June 2011 and the data obtained are as follows:

**Table1. The observation result of student activity in improving reading ability in the third cycle**

NO	INDICATORS	SCORE	PERCENTAGE
1	Listening to the teacher	90	15
2	Reading fluency	85	14.16
3	Answering question Ability	85	14.16
4	Student activity in the lesson	80	1.5
5	Student cheerful in the lesson	95	15.83
	<b>TOTAL OF SCORE</b>	<b>435</b>	<b>72.5</b>

Based on, the total score students activity in teaching and learning activity

above can be percentage as follows

$$\text{Percentage} = \frac{\text{Total Score}}{600} \times 100 = \frac{435}{600} \times 100 = 72.5$$

From the percentage result of observer student activity in teaching and learning activity at the third cycle was included in the category of high score with

a total acquisition score of 435 while the number of total score ideally is 600. This happens, because teachers are used to direct and guide students into read with the scanning method.

**Table 2. The observation result of teacher activity in improving reading ability in the third cycle**

No	INDICATOR	YES	NO
<b>I</b>	<b>Pre-Activity</b>		
2	Creating a lesson plan	√	
3	Check the readiness of students	√	
4	Delivering learning objectives will be developed	√	
5	Write the title of the material that will be developed on the board	√	
6	Apperception	√	
7	Motivation	√	
<b>II</b>	<b>While activity</b>		
8	Reading the text to be taught	√	
9	Member an opportunity for students to explore the difficult vocabulary		√
10	Writing out the difficult vocabulary on the board		√
11	Explaining the text to be taught	√	
12	Giving reading a question about scanning	√	
13	Implement the learning competencies in accordance with the objectives to be achieved	√	
14	Member student worksheet (LKS)	√	
15	Implementing learning after another	√	



16	Linking learning in accordance with the allocation of time	√	
17	Using the Media	√	
18	Using the method	√	
19	Partisipasi foster active student learning	√	
20	Shows the response open to student response	√	
21	Cultivate cheerfulness and enthusiasm of the students in learning	√	
22	Using spoken and written in clear, good and true	√	
23	Create a summary by involving students	√	
24	Make an assessment (test) end in accordance with the competency goals	√	
25	Delivering the results of the assessment (test) to students	√	
26	Reward	√	
27	Assigned tasks to the students to repeat the lesson being taught	√	
28	Closing the learning	√	
	<b>TOTAL</b>	<b>26</b>	<b>2</b>

Based on, the total score teacher activity in teaching and learning activity above can be percentage as follows

$$\text{Percentage} = \frac{\text{Total Score}}{28} \times 100 = \frac{26}{28} \times 100 = 92.8$$

the observation of the activity of the teacher in teaching and learning activities in the first cycle in a category quite well with the acquisition score of 26 or 92.8% while the ideal score is 28, this happens because teachers can direct and guide students in reading text scanning methods.

**Table 3, the learning outcomes in the following cycle 3**

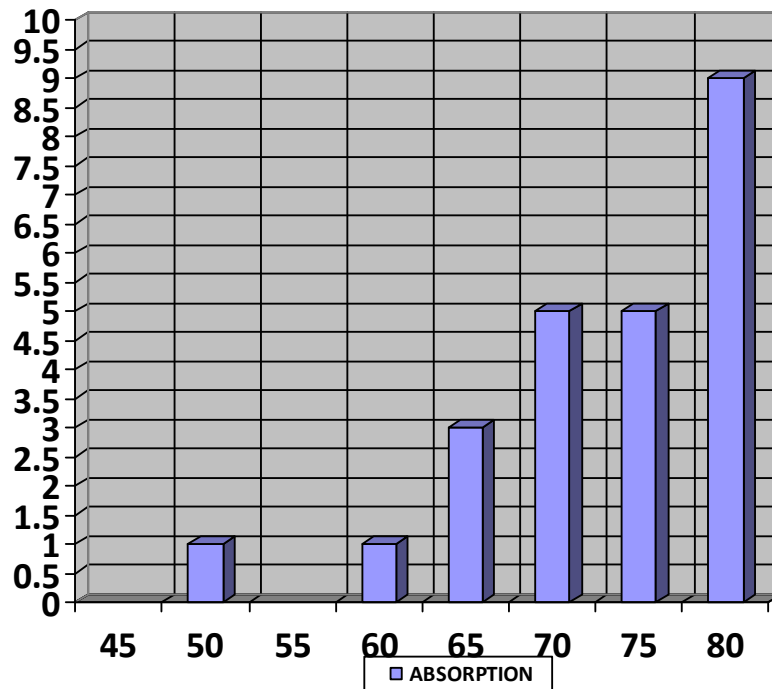
No	RESULT	MANY OF STUDENT	PROSENTASE (%)	COMPLETENESS	
				Yes	NO
1	35-40				√
2	41-45				√
3	46-50	1	4,16		√
4	51-55				
5	56-60	1	4,16		√
6	61-65	3	12.5	√	
7	66-70	5	20.8	√	
8	71-75	5	20.8	√	
9	76-80	9	37.5	√	

From the above data it is known that:

- students who obtained a range of values 46-50 as much as 1 people or 4,16
- students who obtained a range of values 56-60 as much as 1 people or 4,16
- students who obtained a range of values 61-65 as much as 3 people or 12.5,
- students who obtained a range of values 66-70 as much as 5 people or 12,5
- students who obtained a range of values 71-75 as much as 5 people or 20,8
- students who obtained a range of values 76-80 as much as 9 people or 37.5

Then, the development of reading skills by scanning techniques in the third cycle has been successful overall and the data can be viewed in graphical form below:

TABLE , THE STUDENTS READING ABILITY IN 3ST CYCLE



The chart shows that:

- for the achievement of 45 as much as 0 students
- for the achievement of 50 as much as 1 students
- for the achievement of 55 as much as 0 students
- for the achievement of 60 as much as 1 students
- for the achievement of 65 as much as 5 students
- for the achievement of 70 as much as 3 students
- for the achievement of 75 as much as 5 students
- for the achievement of 80 as much as 9 students

Also, it has seen from the achievement on the bar graph that the student's improvement reading ability with the scanning has reached the maximum.

Finally, the student learns outcomes from the cycle I, II and III. Through this study after extensive repairs can be seen in this table:

**Table 1: The Outcomes of Improving Reading Ability with Scanning**

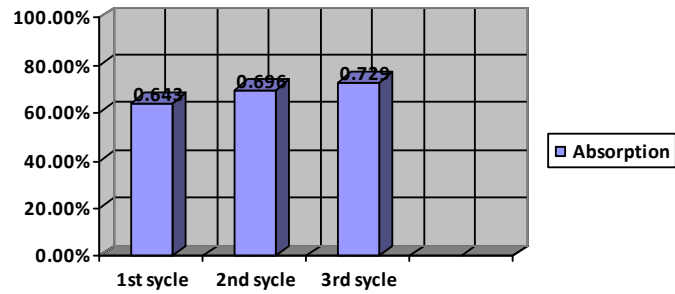
NO.	STUDENT NAME	M/F	Cycle			COMPLETENESS	
			1	2	3	YA	TIDAK
1	Ahmad Bakrie	male	70	80	80	√	
2	Ahmad Muslih	male	65	70	75	√	
3	Ahmad Supian	male	70	75	80	√	
4	Ahmad Tajeli	male	70	75	80	√	
5	Aulia Azizah	female	80	80	80	√	
6	Desy Rahmawati	female	65	70	80	√	
7	Dewi Lestari	female	70	75	80	√	
8	Hariadi Kadarisman	male	50	60	65		√
9	Hariyati Ulfah	female	50	65	70	√	
10	Lailatul Kadariah	female	60	70	75	√	
11	Latif	male	60	70	75	√	
12	M.Rahmadi	male	60	65	70	√	

13	M, Rizaini	male	60	65	65	√	
14	M.Zainul Ilmi	male	50	65	65	√	
15	Mahyuni	male	75	70	75	√	
16	Maisarah	female	70	70	75	√	
17	Megawati	female	70	70	70	√	
18	Muhammad Lamsi	mile	60	80	80	√	
19	Muhammad Maulana	male	80	80	80	√	
20	M.Rais	male	45	45	60		√
21	Noor Sariati	female	80	80	80	√	
22	M.Pahruji	male	45	50	50		√
23	Siti Maria	female	70	70	70	√	
24	Sri Rahmayanti	female	70	70	70	√	
			1545	1670	1750		
			64,3	69,6	72,9		

There is an improvement or progress in reading skills of student by using scanning techniques, their scores increase from 64.3 (cycle 1) to 69.6 (Cycle 2) and finally to 72,9 (Cycle 3)

From the 24 students, then about 80% successful and an unsuccessful are 20%

As in the following graph



The bar graph can be explained that:

First cycle to develop students' ability to use scanning techniques gained 64.3 in the second cycle of the achievement is 69.6 and the results of the third cycle showed an increase of 72.9. When seen from the graph then there is an increase of students' mastery in reading skill.



