

## CHAPTER IV

### FINDINGS AND DISCUSSION

#### A. Findings

##### 1. Students Enthusiasm in English.

- By using questionnaire, the students answer 20 questions of questionnaire in 30 minutes. The researcher gives score for each opinion in following ways: strongly agree = 4, agree = 2, disagree = 3, and strongly disagree = 1.
- By using observation, the researcher has conduct observation when teaching and learning process in class. There are ten statements by indicating whether the score of each statement: 4 = very good, 3 = good, 2 = bad, 1 = very bad

Table 4.1. The Result Score of Students Enthusiasm in English

Subject Number	Score	Category Of Enthusiasm Level
1	49	Fair
2	68	Good
3	52	Enough
4	56	Enough
5	66	Good
6	52	Enough
7	59	Enough
8	62	Good
9	58	Enough
10	58	Enough
11	75	Very Good
12	50	Fair

13	52	Enough
14	60	Good
15	51	Enough
16	36	Poor
17	56	Enough
18	41	Fair
19	49	Fair
20	50	Enough
21	46	Fair
22	50	Enough
23	53	Enough
24	61	Good
25	62	Good
26	67	Good
27	64	Good
28	65	Good
29	55	Enough
30	61	Good
31	62	Good
32	58	Enough
33	58	Enough
34	59	Enough
35	62	Good
36	46	Fair
37	42	Fair
38	63	Good
38	54	Enough
40	48	Fair
41	50	Enough
42	53	Enough
43	54	Enough
44	57	Enough
45	58	Enough
46	65	Good
47	58	Enough
48	63	Good
49	63	Good
50	53	Enough
51	50	Enough
52	63	Good
53	57	Enough
54	64	Good
55	52	Enough

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56	53	Enough
57	51	Enough
58	54	Enough
59	46	Fair
60	63	Good
61	63	Good
62	56	Enough
63	56	Enough
64	61	Good
65	50	Enough
66	57	Enough
67	59	Enough
68	60	Good
69	59	Enough
70	54	Enough
71	57	Enough
72	55	Enough
73	53	Enough
74	61	Good
SUM	4164	

From the data above the number of respondent (N) are 74, and the sum of student enthusiasm result ( $\sum X$ ) are 4164. So that:

$$\begin{aligned}
 M_x &= \sum X : N \\
 &= 4164 : 74 \\
 &= 56
 \end{aligned}$$

It means the mean of the variable of student enthusiasm ( $M_x$ ) are 56.

From the result of 74 respondents find that

Table 4.2. Table of classification category of students enthusiasm

Score	Frequency	Percentage	Category
80 – 100	5	6,76 %	Very high
60 -< 80	29	39,19 %	High

40 -< 60	34	45,94 %	moderate
20 -< 40	6	8,11 %	Low
0 -< 20	0	0	Very low
Total	N = 74	100	

*Source: Suharsimi Arikunto, 2013, p. 319*

45,94% of students have the moderate level enthusiasm. The mean score of enthusiasm (variable X) is 56. 40- <60 are moderate. Conclude that student enthusiasm at the Eighth grade of MTsN Banjar Selatan 1 is moderate categories.

## 2. Students achievement in English.

The researcher gets the data from students report book with the result:

Table 4.3. The Result Score of Students Achievement in English

Subject Number	Score	Category of Achievement level
1	80	Excellent
2	90	Excellent
3	80	Excellent
4	82	Excellent
5	82	Excellent
6	83	Excellent
7	83	Excellent
8	82	Excellent
9	82	Excellent
10	92	Excellent
11	82	Excellent
12	81	Excellent
13	81	Excellent

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14	81	Excellent
15	81	Excellent
16	81	Excellent
17	80	Excellent
18	80	Excellent
19	81	Excellent
20	80	Excellent
21	83	Excellent
22	86	Excellent
23	81	Excellent
24	85	Excellent
25	85	Excellent
26	86	Excellent
27	90	Excellent
28	87	Excellent
29	81	Excellent
30	81	Excellent
31	83	Excellent
32	82	Excellent
33	81	Excellent
34	82	Excellent
35	82	Excellent
36	81	Excellent
37	80	Excellent
38	82	Excellent
39	80	Excellent
40	80	Excellent
41	80	Excellent
42	82	Excellent
43	80	Excellent
44	82	Excellent
45	85	Excellent
46	83	Excellent
47	81	Excellent
48	90	Excellent
49	82	Excellent
50	83	Excellent
51	80	Excellent
52	83	Excellent
53	80	Excellent
54	85	Excellent
55	80	Excellent
56	82	Excellent

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57	80	Excellent
58	81	Excellent
59	80	Excellent
60	80	Excellent
61	82	Excellent
62	81	Excellent
63	81	Excellent
64	82	Excellent
65	81	Excellent
66	81	Excellent
67	82	Excellent
68	82	Excellent
69	82	Excellent
70	82	Excellent
71	82	Excellent
72	85	Excellent
73	81	Excellent
74	80	Excellent
SUM	6086	

From the data above the number of respondent (N) are 74, and the sum of student achievement result ( $\sum Y$ ) are 6086. So that:

$$\begin{aligned}
 My &= \sum Y : N \\
 &= 6.086 : 74 \\
 &= 82
 \end{aligned}$$

It means the mean of the variable of student achievement (My) are 82.

From the result of 74 respondents find that

Table 4.4. Table of classification category of students' achievement in English

Score	Frequency	Percentage	Category
80 – 100	74	100 %	Very high

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60 -< 80	0	0 %	High
40-< 60	0	0 %	Moderate
20-< 40	0	0 %	Low
0-< 20	0	0 %	Very low
Total	N = 74	100	

*Source: Suharsimi Arikunto, 2013, p. 319*

From the result of  $M_y$ , get the data:

$$\begin{aligned}
 M_y &= \sum Y : N \\
 &= 6086 : 74 \\
 &= 82
 \end{aligned}$$

100% of students have the excellent level achievement. The mean score of achievement (variable Y) is 82. 80 - 100 are very high. Conclude that student enthusiasm at the Eighth grade of MTsN Banjar Selatan 1 is very high categories.

### 3. Influence of Students enthusiasm on students achievement

The main goal of the study is to find out whether or not there is an influence between student enthusiasm and English achievement of the eighth grade student at MTsN Banjar Selatan 1.

To compute the influence, the writer prepared the computation of two variables by Pearson product moment formula. There two variables; students

enthusiasm as variable X and students achievement as variable Y. The following table shows the calculation result based on the theory.

Table 4.5. Table the Result of Product Moment

NO	X	Y	x (X-M <sub>x</sub> )	y (Y-M <sub>y</sub> )	xy	x <sup>2</sup>	y <sup>2</sup>
1	49	80	-7	-2	14	49	4
2	68	90	12	8	96	144	64
3	52	80	-4	-2	8	16	4
4	56	82	0	0	0	0	0
5	66	82	10	0	10	100	0
6	52	82	-4	0	0	16	0
7	59	83	3	1	3	9	1
8	62	83	6	1	6	36	1
9	58	82	2	0	0	4	0
10	58	82	2	0	0	4	0
11	75	92	19	10	190	361	100
12	50	82	-6	0	0	36	0
13	52	81	-4	-1	4	16	1
14	60	81	4	-1	-4	16	1
15	51	81	-5	-1	5	25	1
16	36	81	-20	-1	20	400	1
17	56	80	0	-2	0	0	4

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18	41	80	-15	-2	30	225	4
19	49	81	-7	-1	7	49	1
20	50	80	-6	-2	12	36	4
21	46	83	-10	1	-10	100	1
22	50	86	-6	4	-24	36	16
23	53	81	-3	-1	3	9	1
24	61	85	5	3	15	25	9
25	62	85	6	3	18	36	9
26	67	86	11	4	44	121	16
27	64	90	8	8	64	64	64
28	65	87	9	5	45	81	25
29	55	81	-1	-1	1	1	1
30	61	81	5	-1	-5	25	1
31	62	83	6	1	6	36	1
32	58	82	2	0	0	4	0
33	58	81	2	-1	-2	4	1
34	59	82	3	0	0	9	0
35	62	82	6	0	0	36	0
36	46	81	-10	-1	10	100	1
37	42	80	-14	-2	28	196	4
38	63	82	7	0	0	49	0
39	54	80	-2	-2	4	4	4

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40	48	80	-8	-2	16	64	4
41	50	80	-6	-2	12	36	4
42	53	82	-3	0	0	9	0
43	54	80	-2	-2	4	4	4
44	57	82	1	0	0	1	0
45	58	85	2	3	6	4	9
46	65	83	9	1	9	81	1
47	58	81	2	-1	-2	4	1
48	63	90	7	8	56	49	64
49	63	82	7	0	0	49	0
50	53	83	-3	1	-3	9	1
51	50	80	-6	-2	12	36	4
52	63	83	7	1	7	49	1
53	57	80	1	-2	-2	1	4
54	64	85	8	3	24	64	9
55	52	80	-4	-2	8	16	4
56	53	82	-3	0	0	9	0
57	51	80	-5	-2	10	25	4
58	54	81	-2	-1	2	4	1
59	46	80	-10	-2	20	100	4
60	63	80	7	-2	-14	49	4
61	63	82	7	0	0	49	0

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62	56	81	0	-1	0	0	1
63	56	81	0	-1	0	0	1
64	61	82	5	0	0	25	0
65	50	81	-6	-1	6	36	1
66	57	81	1	-1	-1	1	1
67	59	82	3	0	0	9	0
68	60	82	4	0	0	16	0
69	59	82	3	0	0	9	0
70	54	82	-2	0	0	4	0
71	57	82	1	0	0	1	0
72	55	85	-1	3	-3	1	9
73	53	81	-3	-1	3	9	1
74	61	80	5	-2	-10	25	4

$$M_x = \sum X : N$$

$$= 4164 : 74$$

$$= 56$$

$$M_y = \sum Y : N$$

$$= 6086 : 74$$

$$= 82$$

$$\sum xy = 758$$

$$\sum x^2 = 3326$$

$$\sum y^2 = 486$$

Pearson product moment Formula:

$$\begin{aligned}
 r_{xy} &= \frac{\sum_{xy}}{\sqrt{(\sum X^2)} \sqrt{(\sum Y^2)}} \\
 &= \frac{758}{\sqrt{(3326 \times 486)}} \\
 &= \frac{758}{\sqrt{(1.616.436)}} \\
 &= \frac{758}{\sqrt{(1.616.436)}} \\
 &= 0,6
 \end{aligned}$$

Then to know the influence of students enthusiasm on English achievement in 5% and 1% significance, the writer used r table with Degree of freedom (df) by using formula as follows;

$$df = N - nr$$

df = degree of freedom

N = total number of respondent

nr = numbers of variable (X and Y)

df = N - nr ;  $74 - 2 = 72$  (r. value consultation table)

df = 72, so it used the nearest df that 70

at the degree of significance of 5% = 0,235

at the degree of significance of 1% = 0,306

## B. Discussion

The researcher has mentioned the hypothesis before, from the hypothesis the researcher have criteria to test hypothesis:

**If  $r_h$  ( $r_{xy}$ ) less than  $r_t$  ( $r$  table degree of correlation), so  $H_0$  is accepted and  $H_a$  is rejected. If  $r_h$  ( $r_{xy}$ ) more than  $r_t$  ( $r$  table degree of correlation), so  $H_a$  is accepted and  $H_0$  is rejected.** (Sugiyono, 2009, p. 190)

**If  $r_{xy} < 0.235$  or  $r_{xy} < 0.306$ , the hypothesis null ( $H_0$ ) is accepted and hypothesis alternative ( $H_a$ ) is rejected. Its mean there is no significant correlation between student's enthusiasm and English achievement.**

**If  $r_{xy} > 0.235$  or  $r_{xy} > 0.306$ , the hypothesis null ( $H_0$ ) is rejected and hypothesis ( $H_a$ ) is accepted. Its mean there is significant correlation between student's enthusiasm and English achievement.**

According to the table of significance, it can be seen that df 74 is closer to r table df 70, so the writer took r table df 70, and get point 0,235 on r table for the 5% significance degree, and point 0,306 on 1% significance degree. So it means point 0,6 on  $r_{xy}$  is more than r table ( $0,6 > 0,235$  and  $0,6 > 0,306$ ) from the result conclude that null hypothesis ( $H_0$ ) is rejected and alternative hypothesis ( $H_a$ ) is accepted, it means there are any influence between students enthusiasm on achievement.

In conclusion, there is influence between students enthusiasm in English achievement. The level of influence is as follows:

Table 4.6. The Product Moment Table (r interpretation)

Product Moment (r)	Interpretation
0.00 – 0.200	Very Low (no influence)
0.20 – 0.400	Low
0.40 – 0.600	Moderate
0.60 – 0.800	High
0.80 – 1.00	Very High (Arikunto, 2009, p. 319)

Based on the result of statistics calculation above, the influence between the two variables X and Y is positive, it is 0,6. In another word, the influence between the students' enthusiasm and their English achievement is considered moderate as seen in the table above.

Based on the result of the research above, show that an influence of student enthusiasm on English achievement. That is the fact that enthusiasm is the important factor to develop student ability in understanding and achieve the goal of learning. Enthusiasm is energy, the fuel, the blazing fire that brings about a successful result. Napoleon Hill (2011, p. 2) in world class advisor state that enthusiasm is to progress toward success as gasoline is to a car's engine. It is the fuel that drives things forward.

This research show the fact of previous research has been done by Gardner & Lambert. The previous research found that enthusiasm is the part of motivation. Motivation is very strongly related to achievement in language learning (Gardner & Lambert, 1972; Gardner, 1980) in Ur, 1991 p. 274.