

DATA RESPONDENT

1. Research Instrument Development

a. Questionnaire

Likert Scale for Movie-Watching Activity

POSITIVE	POINTS	NEGATIVE	POINTS
Selalu (Always)	5	Tidak Pernah (Never)	5
Sering (Often)	4	Jarang (Seldom)	4
Kadang-Kadang (Sometimes)	3	Kadang-kadang (Sometimes)	3
Jarang (Seldom)	2	Sering (Often)	2
Tidak Pernah (Never)	1	Selalu (Always)	1

Indicator of Questionnaire

Variable (X)	Indicators	Kind of Statement		Total
		Positive	Negative	
Habit watching English movies	a. Frequency	1 - 7		7
	b. Competence	8 - 13		6
	c. Behavior	14,15,16,17,19,20,21,22, 23,24,25.	18	12
Total number of Questionnaire				25

b. Test Vocabulary

2. instrument validity

To calculate the data using product moment correlation in coarse numbers, using the formula :

$$r_{xy} = \frac{n(\sum XY) - (\sum X) (\sum Y)}{\sqrt{N (\sum X^2) - (\sum X)^2 - (\sum Y^2) - (\sum X)^2}}$$

In Exploration :

n : The sample of the students

r_{xy} : The x and y correlation coefficient.

X : The total of x score (habit in watching English movies).

Y : The quantity of y score (vocabulary mastery).

x^2 : How many x-squares are scored.

y^2 : The quantity of y score squares

A : sum of x and y.

Determine the following explanation for the coefficient correlation explained in the table:

Coefficient Correlation	Category
0,800-1,00	Very high
0.60-0.799	High
0.40-0.599	Enough
0.20-0.399	Low
0.00-0.199	Very low

Measurement precision or consistency is referred to as a measure's reliability. The author utilized the Spearman-Brown method to determine the reliability of the questionnaire.

3. Instrument Reliability

$$r_{11} = \frac{2 \cdot r_b}{1 + r_b}$$

Where :

r_{11} : Instruments Reliability

r_b : Coefficient Correlation

After getting the instrument reliability of the questionnaire, then the value of the reliability test compared with r_{table} .

$$r_{11} > r_{table}$$

$$r_{11} < r_{table}$$

c. Data Analysis Procedure

The researcher utilized a quantitative approach to analyze the data by rating the respondents' questionnaires and distributing them into grouped distribution tables. After the scores from the questionnaire and the scores from the vocabulary test were obtained, the researcher used the Product Moment Correlation statistical procedure.

A. Data Presentation

1. The Result of the Questionnaire watching English movies

Saya menonton film bahasa Inggris setiap hari

	Frequency	Percent	Valid Percent	Cumulative Percent
Jarang	4	11.1	11.1	11.1
Kadang - kadang	20	55.6	55.6	66.7
Valid sering	10	27.8	27.8	94.4
selalu	2	5.6	5.6	100.0
Total	36	100.0	100.0	

Saya menonton lebih dari 1 film dalam satu hari

	Frequency	Percent	Valid Percent	Cumulative Percent
Tidak pernah	1	2.8	2.8	2.8
Jarang	2	5.6	5.6	8.3
Valid Kadang - kadang	6	16.7	16.7	25.0
sering	9	25.0	25.0	50.0
selalu	18	50.0	50.0	100.0
Total	36	100.0	100.0	

Saya menonton film bahasa Inggris satu minggu sekali

	Frequency	Percent	Valid Percent	Cumulative Percent
Jarang	4	11.1	11.1	11.1
Kadang - kadang	2	5.6	5.6	16.7
Valid sering	7	19.4	19.4	36.1
selalu	23	63.9	63.9	100.0
Total	36	100.0	100.0	

Saya menonton film 3 kali dalam seminggu

	Frequency	Percent	Valid Percent	Cumulative Percent
Tidak pernah	1	2.8	2.8	2.8
Kadang - kadang	7	19.4	19.4	22.2
Valid sering	13	36.1	36.1	58.3
selalu	15	41.7	41.7	100.0
Total	36	100.0	100.0	

Saya menonton film bahasa Inggris sebulan sekali

	Frequency	Percent	Valid Percent	Cumulative Percent
Kadang - kadang	3	8.3	8.3	8.3
Valid sering	10	27.8	27.8	36.1
selalu	23	63.9	63.9	100.0
Total	36	100.0	100.0	

Saya menonton film bahasa Inggris ketika libur

	Frequency	Percent	Valid Percent	Cumulative Percent
Tidak pernah	1	2.8	2.8	2.8
Kadang - kadang	3	8.3	8.3	11.1
Valid sering	8	22.2	22.2	33.3
selalu	24	66.7	66.7	100.0
Total	36	100.0	100.0	

Saya menonton film bahasa Inggris ketika ada waktu luang

	Frequency	Percent	Valid Percent	Cumulative Percent
Tidak pernah	1	2.8	2.8	2.8
Kadang - kadang	1	2.8	2.8	5.6
Valid sering	10	27.8	27.8	33.3
selalu	24	66.7	66.7	100.0
Total	36	100.0	100.0	

Saya mendapatkan kata/vocab baru dari menonton english movies

	Frequency	Percent	Valid Percent	Cumulative Percent
sering	8	22.2	22.2	22.2
Valid selalu	28	77.8	77.8	100.0
Total	36	100.0	100.0	

Saya dapat mengerti pengucapan kata yang tepat ketika menonton film bahasa

Inggris

	Frequency	Percent	Valid Percent	Cumulative Percent
Kadang - kadang	1	2.8	2.8	2.8
Valid sering	8	22.2	22.2	25.0
selalu	27	75.0	75.0	100.0
Total	36	100.0	100.0	

Saya pernah membuka kamus ketika ada vocab/kata baru

	Frequency	Percent	Valid Percent	Cumulative Percent
Kadang - kadang	1	2.8	2.8	2.8
Valid sering	6	16.7	16.7	19.4
selalu	29	80.6	80.6	100.0
Total	36	100.0	100.0	

Saya membutuhkan panduan kamus terjemah ketika menonton film berbahasa

Inggris

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	1	2.8	2.8	2.8
sering	9	25.0	25.0	27.8
selalu	26	72.2	72.2	100.0
Total	36	100.0	100.0	

Saya dapat menggunakan kata baru dari menonton English movies dalam kehidupan

sehari - hari

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	1	2.8	2.8	2.8
sering	7	19.4	19.4	22.2
selalu	28	77.8	77.8	100.0
Total	36	100.0	100.0	

Saya menonton English movie mendapatkan vocab/kata yang familiar dalam bahasa

Inggris

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	2	5.6	5.6	5.6
sering	4	11.1	11.1	16.7
selalu	30	83.3	83.3	100.0
Total	36	100.0	100.0	

Saya menonton film yang sedang viral

	Frequency	Percent	Valid Percent	Cumulative Percent
Jarang	1	2.8	2.8	2.8
Kadang - kadang	2	5.6	5.6	8.3
Valid sering	7	19.4	19.4	27.8
selalu	26	72.2	72.2	100.0
Total	36	100.0	100.0	

Saya menonton film ketika sedang bosan

	Frequency	Percent	Valid Percent	Cumulative Percent
Kadang - kadang	2	5.6	5.6	5.6
Valid sering	5	13.9	13.9	19.4
selalu	29	80.6	80.6	100.0
Total	36	100.0	100.0	

Saya menonton film bahasa Inggris ketika ada film baru

	Frequency	Percent	Valid Percent	Cumulative Percent
Kadang - kadang	2	5.6	5.6	5.6
Valid sering	8	22.2	22.2	27.8
selalu	26	72.2	72.2	100.0
Total	36	100.0	100.0	

Saya menonton film bahasa Inggris ketika sedang insomnia

	Frequency	Percent	Valid Percent	Cumulative Percent
Kadang - kadang	1	2.8	2.8	2.8
Valid sering	5	13.9	13.9	16.7
selalu	30	83.3	83.3	100.0
Total	36	100.0	100.0	

Saya nonton film bahasa Inggris dengan Subtitle bahasa Indonesia

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	1	2.8	2.8	2.8
sering	6	16.7	16.7	19.4
selalu	29	80.6	80.6	100.0
Total	36	100.0	100.0	

Saya nonton film bahasa Inggris tanpa subtitle

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	2	5.6	5.6	5.6
sering	7	19.4	19.4	25.0
selalu	27	75.0	75.0	100.0
Total	36	100.0	100.0	

Saya nonton film bahasa Inggris dengan menggunakan subtitle bahasa Inggris

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	1	2.8	2.8	2.8
sering	8	22.2	22.2	25.0
selalu	27	75.0	75.0	100.0
Total	36	100.0	100.0	

Saya menonton judul film yang sama lebih dari 1 kali

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Kadang - kadang	2	5.6	5.6	5.6
sering	6	16.7	16.7	22.2
selalu	28	77.8	77.8	100.0
Total	36	100.0	100.0	

Saya menonton film menggunakan Hp

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid sering	7	19.4	19.4	19.4
Valid selalu	29	80.6	80.6	100.0
Total	36	100.0	100.0	

Saya menonton film di TV

	Frequency	Percent	Valid Percent	Cumulative Percent
Jarang	1	2.8	2.8	2.8
Kadang - kadang	3	8.3	8.3	11.1
Valid sering	6	16.7	16.7	27.8
Valid selalu	26	72.2	72.2	100.0
Total	36	100.0	100.0	

Saya menonton film di bioskop

	Frequency	Percent	Valid Percent	Cumulative Percent
Jarang	1	2.8	2.8	2.8
Kadang - kadang	2	5.6	5.6	8.3
Valid sering	5	13.9	13.9	22.2
Valid selalu	28	77.8	77.8	100.0
Total	36	100.0	100.0	

Saya menonton film di rumah

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid sering	5	13.9	13.9	13.9
Valid selalu	31	86.1	86.1	100.0
Total	36	100.0	100.0	

No.	Score	Category	Frequency	Percent %
1.	90 – 100	Very good	28	78%
2.	70 - 89	Good	8	22%
3.	50 – 69	Fair	0	0
4.	30 – 49	Poor	0	0
5.	10 - 29	Very poor	0	0
TOTAL			36	100%

The table showed that there were 36. Based on the analysis of data by using calculation percentages showed that from 36 students of SMA Muhammadiyah 2 Sidoarjo. 28 students the in the Very good category of h it's a percentage of 78 %, and 8 students were in the good category with a percentage of 22%. The level of students' habits in watching English movies was very high. It means than students in SMA Muhammadiyah 2 Sidoarjo enjoy and like watching English movies.

Distribution of Students' Vocabulary Mastery Test Scores

No.	Category	Frequency	Percentage	Predicate	Letter Value
1.	Score 80 – 100	36	100%	Very good	A
2.	Score 70 ≤ 80	0	0	Good	B
3.	Score 60 ≤ 70	0	0	Fair	C
4.	Score 50 ≤ 60	0	0	Poor	D
5.	Score <50	0	0	Bad	E
	TOTAL	36	100%		

In calculation percentage show that from 36 students of Class XII ilmu pengetahuan alam and ilmu pengetahuan sosial SMA Muhammadiyah 2 Sidoarjo. 36 students in very good category of command vocabulary with precentage 100%. It means most of the students masterung the current vocabulary form watching English movies.

NO	X	Y	X^2	Y^2	XY
1	90	88	8100	7744	7920
2	93	93	8649	8649	8649
3	95	90	9025	8100	8550
4	95	93	9025	8649	8835
5	95	93	9025	8649	8835
6	87	85	7569	7225	7395
7	95	93	9025	8649	8835
8	95	88	9025	7744	8360
9	97	88	9409	7744	8536
10	85	80	7225	6400	6800
11	95	93	9025	8649	8835
12	97	95	9409	9025	9215
13	85	83	7225	6889	7055
14	90	83	8100	6889	7470
15	90	83	8100	6889	7470
16	80	90	6400	8100	7200
17	82	80	6724	6400	6560
18	85	80	7225	6400	6800
19	90	88	8100	7744	7920
20	90	88	8100	7744	7920
21	95	87	9025	7569	8265
22	95	88	9025	7744	8360
23	95	93	9025	8649	8835
24	92	90	8464	8100	8280
25	90	90	8100	8100	8100
26	82	80	6724	6400	6560
27	95	90	9025	8100	8550
28	90	95	8100	9025	8550
29	95	93	9025	8649	8835
30	88	85	7744	7225	7480
31	95	93	9025	8649	8835
32	95	93	9025	8649	8835
33	95	90	9025	8100	8550
34	95	93	9025	8649	8835
35	90	88	8100	7744	7920
36	92	90	8464	8100	8280
JUMLAH	3290	3192	301406	283734	292230

$$r_{xy} = \frac{n(\sum XY) - (\sum X)(\sum Y)}{\sqrt{N(\sum X^2) - (\sum X)^2 - (\sum Y^2) - (\sum X)^2}}$$

$$r_{xy} = \frac{36(292.230) - (3.290)(3.192)}{\sqrt{36(301.406) - (10.824.100) - (28.3734) - (\sum 10.188.864)}}$$

$$r_{xy} = \frac{18.600}{\sqrt{9.959912}}$$

$$r_{xy} = \frac{18.600}{3.155.931.535}$$

$$r_{xy} = 0,714$$

Correlations

		HABITS OF WATCHING MOVIES	VOCABULARY
HABITS OF WATCHING MOVIE	Pearson Correlation	1	.714**
	Sig. (2-tailed)		.000
	N	36	36
VOCABULARY	Pearson Correlation	.714**	1
	Sig. (2-tailed)	.000	
	N	36	36

** . Correlation is significant at the 0.01 level (2-tailed).

Berdasarkan hasil uji Analysis corelasi hasil yang diperoleh yaitu $0,000 < 0,005$ maka berkorelasi antara students habits of watching English movies and command vocabulary. Nilai pearson correlation 0,714 yang berarti korelasi kuat. Habits of watching English movies berhubungan positif terhadap command vocabulary siswa.

From the above calculation, $r = 0.741$ has been found. This implies that student's habits of watching English movies and command vocabulary are positively correlated. According to the table interpretation value r , the degree is high. As the data above regarding students' habits of watching movies has a significant positive correlation with command vocabulary ($r = .741$, $p = .000.05$), The positive correlation means that students who choose the habit of watching movies can increase their vocabulary.

Note p is level signifigan

TABEL R STATISTIKA

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DF = n-2	0,1	0,05	0,02	0,01	0,001
	r 0,005	r 0,05	r 0,025	r 0,01	r 0,001
1	0,9877	0,9969	0,9995	0,9999	1,0000
2	0,9000	0,9500	0,9800	0,9900	0,9990
3	0,8054	0,8783	0,9343	0,9587	0,9911
4	0,7293	0,8114	0,8822	0,9172	0,9741
5	0,6694	0,7545	0,8329	0,8745	0,9509
6	0,6215	0,7067	0,7887	0,8343	0,9249
7	0,5822	0,6664	0,7498	0,7977	0,8983
8	0,5494	0,6319	0,7155	0,7646	0,8721
9	0,5214	0,6021	0,6851	0,7348	0,8470
10	0,4973	0,5760	0,6581	0,7079	0,8233
11	0,4762	0,5529	0,6339	0,6835	0,8010
12	0,4575	0,5324	0,6120	0,6614	0,7800
13	0,4409	0,5140	0,5923	0,6411	0,7604
14	0,4259	0,4973	0,5742	0,6226	0,7419
15	0,4124	0,4821	0,5577	0,6055	0,7247
16	0,4000	0,4683	0,5425	0,5897	0,7084
17	0,3887	0,4555	0,5285	0,5751	0,6932
18	0,3783	0,4438	0,5155	0,5614	0,6788
19	0,3687	0,4329	0,5034	0,5487	0,6652
20	0,3598	0,4227	0,4921	0,5368	0,6524
21	0,3515	0,4132	0,4815	0,5256	0,6402
22	0,3438	0,4044	0,4716	0,5151	0,6287
23	0,3365	0,3961	0,4622	0,5052	0,6178
24	0,3297	0,3882	0,4534	0,4958	0,6074
25	0,3233	0,3809	0,4451	0,4869	0,5974
26	0,3172	0,3739	0,4372	0,4785	0,5880
27	0,3115	0,3673	0,4297	0,4705	0,5790
28	0,3061	0,3610	0,4226	0,4629	0,5703
29	0,3009	0,3550	0,4158	0,4556	0,5620
30	0,2960	0,3494	0,4093	0,4487	0,5541
31	0,2913	0,3440	0,4032	0,4421	0,5465
32	0,2869	0,3388	0,3972	0,4357	0,5392
33	0,2826	0,3338	0,3916	0,4296	0,5322
34	0,2785	0,3291	0,3862	0,4238	0,5254
35	0,2746	0,3246	0,3810	0,4182	0,5189
36	0,2709	0,3202	0,3760	0,4128	0,5126
37	0,2673	0,3160	0,3712	0,4076	0,5066
38	0,2638	0,3120	0,3665	0,4026	0,5007
39	0,2605	0,3081	0,3621	0,3978	0,4950
40	0,2573	0,3044	0,3578	0,3932	0,4896
41	0,2542	0,3008	0,3536	0,3887	0,4843
42	0,2512	0,2973	0,3496	0,3843	0,4791