

INCREASING STUDENTS' VOCABULARY THROUGH APPLICATION OF SOCIAL MEDIA AT SMP GPDI BERE A TONDANO

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ABSTRACT: The purpose of this study is to find out the whether youtube social media increasing students' vocabulary at GPDI Berea Tondano Junior High School. The subject of the study is Eight Grade Student. The result of this study shows that mean score Post-test (82.75) was higher than mean score Pre-test (32.5). Paired Sample Test showed that the significance value of 0.000, meaning less than 0.05, then H_0 was rejected and H_a was accepted. The result means there was a significance difference between before and after treatment. The normality test using the SPSS Program known that 4.20 (>0.05). Based on the result of this study shows increasing students' vocabulary through application of social media youtube has a big chance and really effective to increase students' vocabulary.

Keywords: *Increasing Vocabulary, Social Media, Youtube, EFL*

INTRODUCTION

Learning English is one of the human needs in globalization era. One of the interests of learning English is to increase English vocabulary. What vocabulary means according to Zunita & Harun, (2016) Explain that, "Vocabulary is all words contained in a language, words used in a science, the richness of words possessed by the speaker, or a list of words compiled by a dictionary and a short and practical solution".

Getting to know social media in everyday life, according to Maru & Liando (2019),

"Social Media is a means of communication, delivery, collaboration, and online cultivation among interconnected and interdependent networks of people, communities, and organizations enhanced by technological capabilities". Basically, these were websites and apps that people use every day to share content with other users. Social media is very open to everyone, but each content has different variations.

Through Social media can increase understanding in learning English. If understand a little about the technology such as smartphones or laptops, then will find and learn one of the accesses to get to know is Youtube social media. People use social media only for entertainment and to fill times of boredom. This social media application is a special platform based on a very sophisticated internet application that can even browse all human activities. Through this application can learn English and increase vocabulary skills through the application so that using social media is worth learning because this application is very easy and only watch listening to the content of the social media application. In the content of these channels there are various educational content about English vocabulary and these are some of the links or webs that is the main source of learning English. The channel contains educational videos about Activities in School, Conversation and also Adverbs, Adjectives, Verbs and others.

REVIEW OF LITERATURE

According to Mozes & Liando (2020), vocabulary is an integral part of language learning and a fundamental step in mastering written and spoken English. Vocabulary can be defined as a collection of words in a specific language or a set of words used by individual language speakers.

Kinds of Vocabulary

The study identified two types of vocabulary: Receptive and Productive, Somba, Liando & Kumayas (2022) claimed that Receptive vocabulary includes words that are recognized and understood by both native speakers and foreign language learners but are rarely used. These words are typically used passively in either listening or reading

activities. On the other hand, Productive vocabulary consists of words that are actively used in speaking and writing. "There are four skills you need to master when learning English: listening, speaking, reading, and writing. But it will not work if you do not have enough vocabulary" (Marianca, Liando & Mamentu, 2022).

Kaloke, Hampp & Rombepajung (2021), they concluded that From all the above definitions, researchers concluded that vocabulary is not only useful for communication but also for academic achievement, because when we master vocabulary well we can master all four English skills and it makes it easier for us to learn.

Teaching and Learning Vocabulary

Liando et al., (2022) emphasizes that teaching vocabulary is one of the essential tools to aid children in studying foreign languages. On the other hand, Mokodompit, Samola & Tuerah (2021) note that numerous types of video learning can be found on YouTube, some of which are from non- professionals, while others come from professional teachers. This underscores the importance of teachers guiding students to select the most effective sources for mastering English vocabulary.

Social Media Youtube

As stated by Mokodompit, Samola & Tuerah (2021), Youtube is an online platform where users can share and view videos from around the globe, making it a convenient and accessible medium for online learning, particularly for improving vocabulary skills. The study suggests that incorporating Youtube videos in language learning can enhance students' vocabulary mastery as videos provide an easy-to-understand explanation of each vocabulary word.

RESEARCH METHOD

This research method is quantitative method. In the Pra-experiments using One Group /One Class, - Pre-test – Post-test. This study aimed to help students' interest in using social media application by increasing vocabulary through social media applications, namely Youtube.

Subject of the Study

This research conducted at Junior High School GPDI Berea Tondano. Eight Grade Students is the student population at junior high school. And the total this study is limited and only 1 class out of 20 students.

Data Collection

Data collection is as one of the research instruments to determine the level of students' ability to learn vocabulary through the social media application YouTube. The researcher distributed multiple-choice questions (Written Test) to test and see how capable students were in English. This is in which the student undergoes Pre-test and Post-test.

Normality Test is performed to test whether in a residual value regression model has a normal distribution or not. In this study researcher using the Kolmogorov Smirnov One Sample Test, namely with the provisions or criteria of significance values above 5% or 0.05, the data has a normal distribution (Tatipang, Liando & Oroh, 2021).

Paired sample t-Test is a test of two paired samples. According to Widjyanto (2013: 35), paired sample t-test is one of the test methods used to assess the effectiveness of treatment, marked by the average difference before and after treatment.

FINDINGS AND DISCUSSION

Data were collected through Post-test and Pre-test in this study. There were 20 items in this test. Data collection has been mentioned in this study using Pre-test and Post-test. Each Score on X and Y was collected, calculated and then converted and made by statistical analysis using descriptive statistics.

Table 4A. Mean Score Pre-test and Post-test Data.

NO.	Pre- Test Scores (X)	Converted Scores (X)	Post-Test Scores (Y)	Converted Scores (Y)
1.	3	15	13	65
2.	7	35	16	80
3.	10	50	18	90
4.	7	35	16	80
5.	5	25	14	70
6.	7	35	17	85
7.	7	35	16	80
8.	3	15	16	80
9.	4	20	15	75
10.	2	10	15	75
11.	9	45	12	60
12.	5	25	20	100
13.	10	50	20	100
14.	8	40	15	75
15.	2	10	19	95
16.	7	35	20	100
17.	10	50	17	85
18.	8	40	18	90
19.	9	45	17	85
20.	7	35	17	85

Pre-test mean was symbolized as X, and Y as Post-test. The mean data X and Y were Calculated and the result out as: $X = 650 / 20 = 32.5$ $Y = 1.655 / 20 = 82.75$

Table 4B. The Result of Pre-test and Post-test

Pre-test	Post-test
$\Sigma X = 650$	$\Sigma Y = 1.655$
$N = 20$	$N = 20$
Mean Score = 32.5	Mean Score = 82.75

Normality Test was used by researcher was SPSS Program and the result out as:

Table 4.C

One-Sample Kolmogorov-Smirnov Test			Unstandardized Residual
N			20
Normal Parameters ^{a,b}	Mean		.0000000
	Std.		1798.664963
	Deviation		.84
Most Extreme Differences	Absolute		.143
	Positive		.143
	Negative		-.109
Test Statistic			.143
Asymp. Sig. (2-tailed)			.200

- Calculated from data.
- Test Distribution was Normal.

Based on the table above was the result of the normality test using the SPSS Program known that 4.20. If the Significance value was >0.05 then the distribution was normal and if it was <0.05 then the distribution was abnormal. It can be concluded that the residual value was normally distributed.

Table 4D.
Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pre-Test	32.50	20	13.129	2.936
	Post-Test	82.75	20	11.177	2.499

The test results above show that the average Pre-Test value was 32.50 and the average Post-test value was 82.75, meaning that the Pre-test value was lowest than the Post-test value. These sample statistics show that there was an increase in learning outcomes.

Table 4E.
Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Pre-Test & Post-Test	20	.202	.394

The results of the paired sample correlations (Table 4E) test show that the significance value was 0.394, where the sig value > from 0.00, it means the pre-test and post-test have a relationship or there was a significance relationship.

Table 4F.

Paired Samples Test								
	Paired Differences						df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 Pre-Test - Post Test	-50.250	15.430	3.450	-57.472	-43.028	-14.564	19	.000

The results of the Paired Sample Test showed that the significance value of 0.000, meaning less than 0.05, then H_0 was rejected and H_a was accepted. This means there was a significant difference between before and after treatment.

The results were conducted at GPDI Bera Tondano Junior High School through pre-tests and post-tests have shown how capable students were in English. Pre-test was a situation where researcher give a test before treatment and to see how good the student has vocabulary.

Based on the results of all grades obtained by students in table 4A and 4B, Pre-test $\Sigma X = 650$ and Mean Score = 32.5, while Post-test $\Sigma Y = 1.655$ and Mean score = 82.75.

Based on the table 4C was the result of the normality test using the SPSS Program known that 4.20 (>0.05). If the Significance value was >0.05 then the distribution was normal and if it was <0.05 then the distribution was abnormal. It can be concluded that the residual value was normally distributed.

The results of the table 4E, Paired sample correlations test show that the significance value was 0.394, where the sig value > from 0.00, it means that the pre-test and post-test have a relationship or there was a significance relationship.

The results of the table 4F, Paired Sample Test showed that the significance value of 0.000, meaning less than 0.05, then H_0 was rejected and H_a was accepted. This means there was a significant difference between before and after treatment.

The results were addressed by students on the Mean Score Pre-test were very low, while the mean score results on the Post-test were very high. Treatment was very influential for students to help their understanding of vocabulary, and this has been seen after the treatment and has yielded results in the Post-test. Based on the results that have been shown above, the Youtube social media application was really effective for increasing student vocabulary.

CONCLUSION

After analyzing the data, the data were obtained by Pre-test and Post-test students were very different. Post-test values were higher compared to pre-test values of 82.75 and 37.5. Through the link that has been listed in page 1, It was 4 videos as the main material for students to learn English, and this makes it a source of learning English, there were still a lot of educational content videos on Youtube, and students increased vocabulary through the Youtube application. Students increased their vocabulary through Smartphone and Laptop gadgets, then the English educational content videos in the Youtube application were very effective for increasing their vocabulary.

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