

## The effect of using YouTube tutorial videos in English vocabulary learning at junior high school

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### ABSTRACT

The objectives of the research are to find the significant difference on students' vocabulary understanding after using YouTube Tutorial videos and students response toward the use of YouTube Tutorial videos. The population of this research was the third grade of students of SMP Negeri 4 Bandar Lampung in the academic year 2022/2023. The sample was class IXA which consisted of 30 students. The method of this research was quantitative with the research design One Group Pre-test and Post-test Design. The researcher used vocabulary test consisted 30 questions pre-test post-test to measure the significant difference and the questionnaire to find students response in the process of data collection. The researcher used SPSS and MS.Excel to analyze the data after those data has been collected. The result showed that there is a significant difference on students vocabulary understanding. The increase from the mean score was 13,6 where Post-test is 75,3 while the pre-test 61,7. The questionnaire distributed to students draw positive response where students who answered positive 25 students and negative 5 students, and the total of students response reached 64,26. The significant difference score demonstrates that using Youtube Tutorial video in the classroom has affect students ability to comprehend the vocabulary better. The result from the questionnaire percentage showed that students felt happy and enjoy the learning process using YouTube Tutorial video.

**Keyword:** *YouTube Tutorial videos, english vocabulary, vocabulary learning*

### 1. INTRODUCTION

Vocabulary is one of the important aspect in English language. Vocabulary are being used in all English components and skills. In learning vocabulary, students often faced problems. the problem comes because they have a low understanding about vocabulary. The unfamiliar words, meaning and context words make students difficult to recognised and express their idea. The limited vocabulary they have often make them difficult to communicate in English language. In many cases students do not know what they want to say because of the limited vocabulary they have. The vocabulary learning strategy that teacher used are also very monotonous, whether it is on how teacher described the theory or the media teacher used to teach vocabulary, it makes students lost interets in learning vocabulary.

The writer find out an alternative media to helps teacher create a suitable and interesting classroom which can improve students involvement and vocabulary achievement. By using YouTube Tutorial video, it is expected that students performance in classroom increase which affect students' vocabulary achievement in a positive way. As the explanation above, this study investigates how YouTube Tutorial video can affect students' vocabulary achievement by comparing students score and asking students' response towards the use of YouTube Tutorial video. So this research entitled "The Effect of Using YouTube Tutorial Video in English Vocabulary Learning at Junior High School".

In teaching vocabulary, there are some aspect that students need to understand. The aspect of vocabulary according to Nation (2001) are divides into three general aspects which are formation of word, meaning of word, and usage or context of word. Teachers need to understand that it is important to choose the key vocabulary that students will learn. In learning activities it is also important to make class lively, fun and enjoyable for students. so in dealing with creativity, media is the key to help teacher create an innovative classroom.

YouTube tutorial video is one of the types of content in YouTube that is greatly affective for teaching as it facilitate students with a better learning concept and attract students' attention. Using YouTube Tutorial video can be an effective media to help teacher teach vocabulary YouTube Tutorial video is the type of YouTube video which allow viewers understand on how to make something through a series of steps. It is a video which the speaker explain about procedure to do something such as reciper or manual instructions. YouTube Tutorial video is not only good for speaking model for students, it is also enriching student' vocabulary. A whole tutorial that are provided in YouTube Tutorial video can be an event where students can choose any tutorial video and learn the words of each clips while understanding the meaning and context of the words in clips. YouTube tutorial videos also have a short times so it is easy to access, easy to understand, and enjoyable.

In language teaching, students response are important as it can be a reflection for teacher to create a better learning activity. students response are related to their prejudice toward the experience, feelings and behavioral during the learning process which is including the learning material, learning media, situation, comprehension, interaction with teacher and other students in the classroom. There are two responses that a language learner develop in a learning process. The positive response is an attitude where student enjoy the process of learning a language where the result also show an increasing of students' achievement, while the negative response is an attitude where student feels the process of language learning didn't give a good influence on their achievement.

## II. METHODS

The research is quantitative reseach with the design of the research is one group pretest and posttest design. The goal of this research was to find out the effect of using YouTube Tutorial video in english vocabulary learning. To fullfil the goal, the researcher used vocabulary test and questionnaire as the instruments. The population of this research are the ninth grade of students in SMP Negeri 4 Bandar Lampung with the sample of this research are 20 students from 9A class. In this research, the researcher gave a vocabulary pretest to one group of students and then assign the post test after treatment. The result of pretest and posttest are compared to see the difference of students' vocabulary achievement after the treatment. Students also received a set of questionnaire that reflect their response toward YouTube Tutorial video.

## III RESULTS AND DISCUSSION

### Results

After collecting and analyzing the data, the researcher gathers the results of vocabulary test and questionnaire.

**Table 1. Result of pretest score and posttest score**

	Pre-test	Post-test
Mean	61,7	75,3
Median	66	74,5
Modus	66	83
Range	30	30
Highest	83	93
Lowest	26	60

The table above show the difference result of students pretest and posttest. where the average score from the pre-test before the treatment its only 61,7 and after the treatment there is an increasing score to 75, the difference average score is 13,6 point from 30 students who follow the tests. There is also

an increasing from the highest and the lowest score, where in the pre-test the highest score is 83 and in the post-test, the score increase 10 point to 93, and in the pre-test the lowest score was 26 but after the treatment, the score increase 34 point to 60. It shows that students' vocabulary achievement after they are being taught using YouTube Tutorial video.

**Table 2. Hypothesis testing through SPSS**

Paired Samples Test									
		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
Pair					Lower	Upper			
1	PRE-TEST - POST-TEST	-13,667	7,198	1,314	-16,355	-10,979	-10,399	29	,000

In addition, to see whether there was a significant difference of students score from pretest and posttest, the researcher did hypothesis testing using paired sample test. it showed that the result from of two-tailed significance is 0,000 which is lower than 0,005 (Sig <  $\alpha$ ). From this result, it is clearly show that there is a significant difference on students' vocabulary understanding after being taught using YouTube Tutorial videos, it means that using YouTube Tutorial video affect students vocabulary understanding.

**Table 3. Results of students response**

No.Questionnaire	Yes	No
1	86,70%	13,30%
2	83,30%	16,70%
3	70%	30%
4	73,30%	26,70%
5	80%	20%
6	60%	40%
7	56,70%	43,30%
8	70%	30%
9	90%	10%
10	63%	37%
11	53,30%	46,70%
12	56,70%	43,30%
13	46,70%	53,30%
14	93,30%	6,70%

15	90%	10%
16	23,30%	76,70%
17	6,70%	93,30%
18	33,30%	66,70%
Total	63,14444	36,85556

Table 3 show the percentage of students response in each questionnaire. The total percentage of the “YES” response from the questionnaire is 63,14% and the total of “NO” response is 36,85%. From this result, it can be seen that almost all students give positive response. The final result of the Questionnaire was:

$$\begin{aligned} \text{Final score} &= \frac{\text{Total Score}}{\text{Total Student}} \\ \text{Final Score} &= \frac{1928}{30} \\ &= 64,26 \text{ (Positive)} \end{aligned}$$

The result showed that the final score of the questionnaire is 64,26 (positive). It is indicates that students likes YouTube Tutorial video during the learning process.

## Discussion

### 1. The Significant Difference of students’ vocabulary achievement after being taught using YouTube Tutorial video.

Based on the result of the pretest and posttest, it shows that there is a significant difference on students’ vocabulary achievement after being taught by using YouTube Tutorial video, where students score in the posttest increased to 75,3. The result from T-test shows that the two-tailed significance result was 0,000 which is lower than 0,005. It could be inferred that YouTube Tutorial video affect students’ vocabulary understanding. It also assumed that YouTube Tutorial video is a good learning media for procedure text which improve students vocabulary achievement.

The increase of students’ vocabulary achievement occured because learning using YouTube Tutorial video helps students to recognized and comprehend the aspect of vocabulary better. Students get a better understanding about vocabulary by teach them the formation of a word, the meaning and how those word are being used in a text, as Alfaki (2015) state that vocabulary is the words of a language, including single items and phrases which express a particular meaning.. In this research, the researcher used different videos to teach those aspects. First by giving them short YouTube Tutorial video so that they understand how a word are being form in a sentence and they have enough chance to familiarized the word form. Then researcher giving them another video to emphasize their idea so they can express the use of the word in a sentence very well. The YouTube Tutorial video is greatly affective to attract students where in the treatment, the YouTube video present significant visualalization, and the speaker gave a better explanation about the tutorial. Third, researcher gave students a video with a full subtitle to teach them meaning of the word so students are able to read the English word better and have more opportunity to express the meaning of word in each sentences in a target language. Students also offer a way to translated each sentences with their friends so they can have a better understanding by interact with their friends.

YouTube any tutorial video and learn the words of each clips while understanding the meaning and context of the words in clips. YouTube tutorial videos also have a short times so it is easy to access, easy to understand, and enjoyable. It is in line with Mayer (2021), who believed that YouTube videos

for teaching is very effective especially for middle school students. it facilitate students with simple and good audio also visualization.

## **2. Students Response toward YouTube Tutorial Video**

The result from questionnaire percentage shows that gave positive response to the use of YouTube Tutorial video as a learning media. Students felt happy with YouTube Tutorial video as it is provide clearer and detail explanation about the material, students enjoy the learning process and interested in participate more in the classroom as they are allowed to work together with their friends. The cognitive components result from the questionnaire show that students feels easier to understand the material when its explained in the YouTube Tutorial video rather than textbook because YouTube video is not too complicated. For the behavioral components, the result show that students action and interaction during the learning process was increased, because the learning strategy that researcher used are interesting and students are motivated to participate in classroom because during the learning process students learn discuss the material together in a group discussion. The result of the affective components from the questionnaire shows that using YouTube is more effective as students can access the video from anywhere easily and they also can re-watch the video any time they want. It is also in line with Monkhouse & Forbes (2015) which stated that YouTube is more accessible as students can watch the video that are given to them anywhere and anytime.

The result of negative response in the questionnaire indicates that there are some students who doesn't like YouTube Tutorial video during the learning process. It can be seen from the percentage result that some students feel that their vocabulary achievement didn't increased and YouTube Tutorial video still make students difficult to remember meaning and context of the vocabulary word in the procedure video. Some students feels that YouTube is a bit pricey for students if they are want to apply premium and increase their internet costs.

## **IV. CONCLUSIONS AND SUGGESTION**

### **Conclusion**

After conducted the research about the use of YouTube Tutorial videos in English vocabulary learning at SMP Negeri 4 Bandar Lampung , the researcher draw conclusion as follows:

YouTube Tutorial videos had effectiveness in English vocabulary learning. Based on the result, there was a significant difference on students' vocabulary understanding after being taught using YouTube Tutorial video. It was proved by the increase of students score which the post-test score was higher than the pre-test score. Questionnaire that was given to students to measure students' response to the use of YouTube Tutorial video draw a positive response. It was proved by the result of the cumulative students' score and the total percentage of students answer in each questionnaire.

### **Suggestions**

Considering the result of this research, the researcher put some points as suggestions as follow:

#### **For English Teacher**

Teacher are suggested to use YouTube Tutorial video as the learning media for students especially in learning procedure text, because teacher can have many reference and choose better video for students. Teacher should also monitor students performance in classroom so students can enjoy the learning process.

#### **For Further Researcher**

Further researcher are suggested to conduct a research with YouTube Tutorial videos as learning media in different level such as elementary school or high school students. This research also focused in teaching aspect of vocabulary, so further researcher may conduct a research to complete the information of which aspect of vocabulary improve after students being taught by using YouTube Tutorial video.

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