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THE EFFECT OF @*ENGLISHHERO* TIKTOK VIDEO ON STUDENTS' VOCABULARY MASTERY AT THE 10TH GRADE OF MA ZAINUL HASAN PARE

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Abstract

This study aims to know the effect of @englishhero TikTok Video on Students' Vocabulary Mastery at the 10th Grade of MA Zainul Hasan Pare through pre experimental research design conducted with only pre-test post-test one experimental group. The target population of this study was all the tenth grade students of MA Zainul Hasan Pare in the period of 2022/2023. The researchers took 24 students as the sample of the study from 65 population of this study, by using simple random sampling. To collect the data, the researchers used vocabulary written test with 25 items in essay format. In analyzing the data, the researchers used IBM SPSS statistic versions. 20 application of non-parametric t.test from Wilcoxon test, because data was not normally distributed. It aims to know whether there is or not a significant difference between before given the treatment and after given the treatment using @englishhero TikTok Video on Students' Vocabulary Mastery. After collecting and calculating the data, the researchers found that mean score of post-test with 95.33 was higher than pre-test with 63.50. In testing the hypothesis, the writer used t-test formula. The researchers found that p value (Asymp. Sig. (2-tailed)) =0.000 < 0.05, at the level significance of df = 23. So, the null hypothesis was rejected and the alternative hypothesis could be accepted. It means that @englishhero TikTok Video affects the Students' Vocabulary Mastery at the 10th Grade of MA Zainul Hasan Pare.

Keywords: : *TikTok Application Media, @englishhero TikTok Video, Vocabulary Mastery*

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Introduction

English is now the mostly language used in media. Television, mobile phones and the Internet are among the most popular and most familiar in people's daily lives and uses, most of them use English. Nowadays, in order to adapt to the developments, technology and usage of the English language, everyone is prepared to learn and master English as an international language, both orally and in writing.

The development of English also influences the Indonesian curriculum. English is taught from the basic level. The purpose is to familiarize them with English. In learning English, they need to be able to master the skills (listening, speaking, reading, and writing) and the components (vocabulary, grammar, and pronunciation). This study will focus on how to teach vocabulary. Vocabulary is the most important part of learning English, because vocabulary will give affect of the skills and the other components in English.

One of the important things that help learners communicate is their knowledge of vocabulary. English is not our national language, so it is not easy to learn. Many students or learners have a hard time to master it. Because the written form is different from the spoken form in English. One of the basic problems is the lack of vocabulary, for example: more students are lazy to memorize and add to their vocabulary. By mastering vocabulary, we can easily communicate with others. Besides, we can also write paragraphs or texts fluently and translate English text well and avoid misunderstandings between writers and readers.

Teaching a language, especially English, is very complicated. As a teacher, it is necessary to find new educational media to overcome problem and motivate the students. There are educational media that can be used to improve students' vocabulary. One of the media is TikTok video application. Students' vocabulary mastery is not only expected to understand the words but also their meanings, which is especially relevant to vocabulary and sentences that are frequently used or found on social media, particularly TikTok.[3] To make the students interested in learning

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[3] Rahman, M. S. (2021). Analysis Regression and Path Model: The Influence Both Instagram and Tiktok in Improving Students'vocabulary. *SKETCH JOURNAL: Journal of English Teaching, Literature and Linguistics, 1*(1), 10-22

English, especially in vocabulary, we need to use educational media to make it more understandable. It can easily attract students who come to our topic. We know that the use of teaching media will help the teacher to deliver the lesson. This study uses TikTok videos to teach vocabulary, whether it gives the significant result for the students or not.

TikTok is one of social media where many content creators share information and knowledge based on their interest. Nowadays, there are many content creators who provide English learning content for speaking, pronunciation, vocabulary, grammar, common mistakes, and more. One of the content creators is *@englishhero* account with link: *https://www.tiktok.com/@englishhero?lang=id-ID* that usually share some English learning, especially English vocabulary. The reason why the researchers chose *@englishhero* account was there is a uniqueness in the way it conveys of vocabulary material. The creator conveys vocabulary material using expressions according to the vocabulary used and directly pronounces each vocabulary clearly, different from other accounts which only share some vocabulary and their meanings without pronounce it. The research's objective is to investigate the effect of *@englishhero* TikTok video on students' vocabulary mastery at the 10th grade of MA Zainul Hasan Pare. The writers hopes that this study will give contribution to motivate students to improve their interest in learning English since they will find out that learning English is not always difficult to learn. Their improvement of interest in learning English will help them master in English well. It would also give the English teacher a description about how to teach and to motivate the students to learn about English especially in vocabulary learning, they would not be stuck only in some particular teaching strategies. The use of media, in this context "TikTok Video" could be a good alternative or variation in teaching vocabulary, where it would make the students enjoyed following the lesson. The result of the study can be used as references for other researcher to conduct a further research dealing with teaching method used in the classroom through descriptive study.

In this study, the researcher assumes there is an effect of using
@englishhero tiktok video on students' vocabulary mastery at the 10th grade of MA
Zainul Hasan Pare. So, TikTok application can be used as learning English to teach
vocabulary mastery.

Method

In this research, the researcher used quantitative research. As for the
research design, the experimental study was used in this research. This study used
pre-experimental design with one group pre-test and post-test. Experimental
research is a research which aimed to know whether there is or not the effect of the
variable studied.[4]

The researcher used this design because in this design there is no control
group, and it was the simplest form of research design that was suitable for the
researcher who had very limited time to conduct the research. There are three steps
in one group pre-test post-test design, namely:

1. Administering a pretest measuring the dependent variable

2. Applying the experimental treatment X to the subjects, and

3. Administering a posttest measuring the dependent variable

Table 1 Pre Experimental Design

Pre-Test	Treatment	Post-Test
Y_1	X	Y_2

Notes:

Y_1 : Pretest

Y_2 : Posttest

X   : Treatment on the experimental group

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[4] Suharsimi Arikanto, *Manajemen Penelitian*, Jakarta: Rineka Cipta, 2016, p.272

This research design was evaluated by comparing the pretest and posttest scores. By comparing the scores from the first and second of test to determine the difference in exposure to the teaching media has.

A population is defined as all members of any well-defined class of people, events, or objects.[5] The population of this research was the tenth grade students of MA Zainul Hasan Pare in the academic year 2022-2023, which consist of two classes. The total number of population was 65 students. In taking the sample of this research, the writer uses *simple random sampling* in which every population has the same chance to be the sample of research with the number of sample was 24 students.

The procedures in this pre-experimental design are as follows:

1. Pre-test

The pretest was conducted at the first meeting before the students were given treatment, with the aim to measure the students' vocabulary mastery before the treatment. The researcher gave the essay test that contains 20 items. The pre-test was held on Monday, May 08th, 2023.

2. Treatment

To collect the data, the researcher gave treatment on the vocabulary by using TikTok video. The treatment of the research was conduct in 4 meetings in which each meeting needs 60 minutes. The treatment was held on May 9-22, 2023.

a) The Researcher gave students learning about vocabulary using TikTok video.

b) After that, the researcher divided the total number of students in the class into 6 groups. Each group has 5 people. From each group will be given 10 minutes to make sentences from vocabulary on TikTok video together according to the group.

c) Then the researcher gave 20 cards containing stuttering vocabulary

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[5] Donald Ary, *introduction to research in education eight*, united state: Wadsworth (engange Learning, 2010) p.649.

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with a description as a hint and the cards were distributed to each group. Each group will receive cards. Then, each person in the group will get 1 card with instructions, they must complete the gap in vocabulary.

d) Finally, the group that got the highest score will be the winner.

3. Post Test

Post test was carry out in the final meeting. The test item in the post test have exactly the same as those in pre-test. The post-test was done to see final score and to know the difference of the students' score before and after got the treatment. The post-test was held on Tuesday, May 23, 2023.

Validity of instrument is the test measure what will be measured. Validity refers to the appropriateness, meaningfulness, correctness, and usefulness of the inferences a researcher makes.[6]

In this study, there were 50 questions that had been tested in the form of multiple choice to take the validity, and there were 42 item essay that had been valid. The numbers of the questions that were concluded valid were; 1, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 23, 24, 25, 26, 27, 29, 30, 31, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50. The researcher just needed 25 questions for pre-test and post-test, The number of the questions were; 1, 3, 5, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 25, 27, 30, 41, 42, 43, 44, and 46. The validity of the test was calculated using Excel 2013 application.

The reliability, using the value of Cronbach's Alpha Based on Standardized Items, if the value > R table, it means the test overall is reliable. The calculation reliability by using IBM SPSS STATISTICS versions. 20 aplication are as the following:

Table 2 Reliability Statistics

Reliability Statistics

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[6] Fraenkel, J.R. & Wallen, N.E., (2009). *How to Design and Evaluate Research in Education* (7th Ed.). New York: McGraw-Hill Companies.

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Cronbach's Alpha	N of Items
.901	50

The statistics results for the examination of reliability are up 0.901 and therefore at 0.901 > r.table (0.381), then the question that has been tested is considered RELIABLE.

The researcher used T-test to analyze the data by comparing with the first data (pre-test) and the second data (post-test) to determine whether there was significant different score of the students before being taught by using @englishhero tiktok video and after being taught by using @englishhero tiktok video toward students' vocabulary mastery to the tenth grade of MA Zainul Hasan Pare Kediri. If the result of post-test was higher than score of pre-test, it means that learning tenses using @englishhero TikTok Video was effective. The researcher gave the student a test after getting treatment by using @englishhero tiktok video to get the achievement of vocabulary mastery test. The data that was obtained from pre-test and post-test would be analyzed statistically by using analysis compare means-paired sample T-test through SPSS 20 Application.

Findings and Discussion

In this study, when the researcher did observation at MA Zainul Hasan Pare Kediri, the researcher tried to use @englishhero TikTok video in Vocabulary class. The researcher used the new technique that never use in the school in learning vocabulary. In this research, the researcher took the population from the students of the tenth grade there are 65 students. For the research, the researcher took 24 students which is the tenth grade of IPS 1 as the sample. The sample was taken from random sampling.

Table 3 Calculation of the Average Scores Using SPSS

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	PRE-TEST	63.50	24	10.236	2.089
	POST-TEST	95.33	24	4.958	1.012

Table 3 above showed the result of the calculation of the data in which resulted the average (mean) score of pre-test and post-test. The mean score of Pre-test was 63.50 with standard deviation was 2.089. Meanwhile, the mean score of Post-test 95.33 with standard deviation was 1.012.

Normality test was carried out using Shapiro Wilk. Tests for the pretest and posttest were conducted to determine whether the sample data were normally distributed or not. Therefore, researchers used SPSS software version 20 to test the normality of the data. If value of normality is more than the 0.05 level of significance, so, the score will be normally distributed. Below is the result of normality based on SPSS 20 application.

Table 4 Normality Result

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
PRETEST	.175	24	.054	.901	24	.023
POSTTEST	.243	24	.001	.842	24	.002

a. Lilliefors Significance Correction

In normality test based on Shapiro Wilk, data were stated as distributed normal when sig. scores > 0.05. The significant score in pretest and posttest were 0.023 and 0.002. It means the significant value in pretest and posttest < 0.05 it can be concluded that data is not normally distributed. If the data is not normally distributed, then proceed with the Wilcoxon test as follows:

To test the hypothesis, t-test used was with the level significance of 0.05 (5%).

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1. If $p < 0.05$, null hypothesis (Ho) is rejected. It means there is an effect of using @englishhero tiktok video on students' vocabulary mastery at the 10th grade of MA Zainul Hasan Pare.

2. If $p > 0.05$, null hypothesis (Ho) is accepted. It means there is an effect of using @englishhero tiktok video on students' vocabulary mastery at the 10th grade of MA Zainul Hasan Pare.

The hypothesis is accepted if the level of significant value is < 0.05.

Table 5 Wilcoxon Test

Test Statistics[a]

	POSTTEST - PRETEST
Z	-4.302[b]
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test
b. Based on negative ranks.

Table 5 above showed the result of the Wilcoxon test of the data in which resulted the *p* value or Asymp. Sig. (2-tailed) score of pre-test and post-test. Data were stated as Asymp. Sig. (2-tailed) when sig. scores < 0.05. The Asymp. Sig. (2-tailed) score were 0.000. It means the Asymp. Sig. (2-tailed) < 0.05, it can be concluded that data is @englishhero TikTok Video affects students' vocabulary mastery.

Conclusion and Suggestions

This study deals with the results of research and discussion on the data analysis to the effect of using @englishhero tiktok video on students' vocabulary mastery at the 10th grade of MA Zainul Hasan Pare.

So, this chapter involves Conclusion and Suggestion.

Conclussion

Based on the data analysis and the discussion in the previous chapter, the writer finally approaches the conclusion.

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1) From the statistical analysis, it is tracked down that the result of the calculation of the data in which resulted the average (mean) score of pre-test and post-test. The mean score of Pre-test was 63.50 with standard deviation was 2.089. Meanwhile, the mean score of Post-test 95.33 with standard deviation was 1.012.

2) In normality test based on Shapiro Wilk, data were stated as distributed normal when sig. scores > 0.05. The significant score in pretest and posttest were 0.023 and 0.002. It means the significant value in pretest and posttest < 0.05 it can be concluded that data is not normally distributed.

3) the result of the Wilcoxon test of the data in which resulted the *p* value or Asymp. Sig. (2-tailed) score of pre-test and post-test. Data were stated as Asymp. Sig. (2-tailed) when sig. scores < 0.05. The Asymp. Sig. (2-tailed) score were 0.000. It means the Asymp. Sig. (2-tailed) < 0.05, it can be concluded that data is @englishhero TikTok Video affects students' vocabulary mastery.

Suggestions

Based on those findings above, here the writer wants to try to give the solution of those findings that have been problems in teaching English by giving these following suggestions that are adressed underneath:

For The Students

1) The students should have some efforts to learn English by using multiple-slot substitution drill technique.

2) The students should practice speaking much in full and grammatically accurate sentences.

For the Teacher

1) The mean score of Post-test in English vocabulary achievement in experimental group for the tenth grade students of MA Zainul Hasan is higher than pre-test, and the use of @englishhero tiktok video affects

students' vocabulary mastery. It is suggested that English teachers use @englishhero tiktok video as the way to teach vocabulary.

2) The study is suggested that the teacher can be more active in vocabulary and pay more attention to their students in learning English, which concern to get high target in teaching English especially in vocabulary achievement.

3) The teacher should conduct a study for approving a suitable media for teaching English grammar at junior high school level, in which English is the language of science and technology.

4) The teacher should be creative in making the class alive and interesting.

5) The teacher should always improve his or her skills and knowledge in exploring the class.

6) The teacher should be prepared to give the learner a more meaningful role. They support and encourage the learner's desire to learn.

For the Institution

1) The institution should prepare the kinds of media needed both the teacher and the students to support the class activity.

2) The institution should make the rules that can support the teaching and practicing English in the school area.

3) The institution should give the chance to make some creations in teaching English by preparing the facility needed in the class activity.

4) The institution should give the appropriate teaching-learning media and also complete the facility in order to make better progress achievement of English, and make teaching-learning more effective.

5) The institution should take steps which may help the teachers in respect of teaching,research,co-curicular activities such as games, songs, stories, sources of information and materials, ideas for learning centers, and bulletin boards.

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