

IMPROVING VOCABULARY MASTERY USING INSTAGRAM POLLING QUIZ FOR ELEVENTH GRADE STUDENTS AT SMKN 1 NGANJUK

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Abstract— Background: The objectives of this study are, (1) to identify the challenges of students' vocabulary mastery before using Instagram poll quiz for eleventh grade at SMKN 1 Nganjuk, (2) to analyze the development of students' vocabulary mastery after using Instagram poll quiz for eleventh grade at SMKN 1 Nganjuk, (3) to identify the significant difference between students' vocabulary mastery before and after using Instagram poll quiz as English learning media for eleventh grade at SMKN 1 Nganjuk. This research design uses a quantitative approach and this type of research is Quasi Experiment. This research design is pre-test and post-test (one group pre-test and post-test). The population of this research is grade XI students at SMKN 1 Nganjuk in the academic year 2023/2024. The sample of this study were students of class XI-PGIM 2. The sampling technique used convenience sampling technique. Based on the written test scores, students obtained an average pre-test score of 57 students with a classification of "Low" and an average post-test score of 86.5 with a classification of "Very Good". Based on the results of the analysis, it is known that the 5% significant level for $DF = 35$ obtained the value of $t_{count} = 17.065$ and $t_{table} = 1.690$, then $t_{count} > t_{table}$ which means H_a is accepted. Thus, there is a significant difference between students' vocabulary mastery before and after being taught using Instagram Polling Quiz for grade XI students at SMKN 1 Nganjuk in the 2023/2024 academic year. Thus, the use of Instagram Polling Quiz can improve students' vocabulary mastery.

Keywords— vocabulary mastery, instagram polling quiz

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INTRODUCTION

Language is very needed in daily communication. Every country has mother tongue or national language to get and give an information between two or more people. All people need language for communication every day. That is happened when they were a baby and start to say word by word. Without language, people will feel difficult to tell what they want and what they need now. Language is used for making a conversation to inform something to the listener and the listener will give the response back what they got. Two or more people will understand the meaning if they talk using the same language and they will get the point each other. As the young generation, we have to know how important English is. In Indonesia, not all people can speak English, but some of them learned it to get their purpose. It is like to study at university, for business, for vacation to abroad, for getting scholarship, etc. Many people used English for their own aim (Wandasari, 2023:2).

Vocabulary is one of important aspects in learning a foreign language. The limited vocabulary made limited understanding too. It would be impossible if learning foreign language without mastering the vocabularies. In English class, vocabulary still became a trouble that must be faced by students. Students may get vocabulary from elementary school to in university but it would be difficult to memorize if they do not have motivation to learn and to master vocabulary. Besides inside of class, the students can enrich their vocabulary mastery by using social media and internet. They can learn anytime and anywhere they want. It is important for students to have a mastery of vocabulary, because without vocabularies they cannot master pronunciation or other linguistic components. Based on the perspective above, the researcher argues that vocabulary mastery is a complete understanding of the four components of vocabulary: pronunciation (how students actually know how to pronounce their vocabulary), and meaning (the meaning of the words they have). The third component is spelling (knowing how words are formed when they are written) and the fourth component is grammar (how words are formed when used in different contexts).

Instagram is one of social media such an amazing application and one of the most popular social media applications. What makes it the best application in learning English language is that its users learn in an entertaining and spontaneous way. Instagram has a beneficial characteristic as it falls in the category of social networking and the main source of networking is communication. According to Napoleon, there are 40 million Instagram users, which are divided into 52% male and 48% female. Over 80% of them are aged from

18 to 44 years. Interestingly, this application is used as a place of learning in the world of education, the presence of additional features as interactions as well as additional learning activities outside of school. Alfiandy Kamal (2020:3) stated that Instagram is not just for personal usage; it can also be used as an educational tool in the classroom. For instance, teacher can ask students to capture photos or videos of their class work, homework, assignments, school activities, post those in their own account, or a class account, and have discussions about the posts.

All the explanation above inspired authors to create one. Action research because the author wants to know how far an Instagram polling quiz will go improve student fluency and meet the students in SMKN 1 Nganjuk? so the author uses the use of Instagram polling quiz to improve vocabulary. Therefore, the author wants to take research by the tittle: Improving Vocabulary Mastery Using Instagram Polling Quiz for Eleventh Grade Student's at SMKN 1 Nganjuk in The Academic Year Of 2023/2024.

RESEARCH METHODOLOGY

This research design uses a quantitative approach and the type of this research is Quasi-Experimental. The design of this research is pre-test and post-test (one group of pre-test and post-test). The population of this research was the students of the eleventh grade at SMKN 1 Nganjuk in the academic year of 2023/2024. The sample was the students of the eleventh grade at class XI-PGIM 2. The sample technique used convenience sampling technique. The data analysis technique used the statistical t-test data analysis. The variable of this research are "Instagram Polling Quiz" as independent variable and "Vocabulary Mastery" as dependent variable. The technique of instrument in this research was multiple choice questions. To make this research easier for researcher to take and process data, it is necessary to describe in detail the data collection process carried out, including; Pre-test, Treatment, and Post-test (Humaira, 2021:11).

The Reason for using quasi experimental design is because in fact there was situation that didn't allow the control class to be used in this research. Because the situation the researcher uses Quasi - Experimental, that only use one class. In this design, the researcher uses one class with pre-test and post-test. There is pre-test before being given treatment to know how student's vocabulary. Next students will be given a post-test to show student's vocabulary after being taught by using Instagram polling quiz.

RESEARCH FINDINGS AND DISCUSSION

It is shown that the result of t_{count} is 17,065

To know the significant difference between the students' result before and after being taught using Instagram polling quiz, the result of t_{count} must be consulted to t_{table} . So, based on the result of t_{count} can be matched on Df 35.

From the T distribution, it is found that t_{table} for 0,05 = 1,690 so, $t_{count} > t_{table} = 17,065 > 1,690$. To find out the different is significant or not from the result of the pre-test and post-test that had been described, it must be returned to the hypothesis. The researcher already had the intended hypothesis. H_a (Alternative Hypothesis) states that there is a difference effect between the achievement of the student's vocabulary mastery before being taught using Instagram polling quiz and the achievement of the student's vocabulary mastery after being taught by using Instagram polling quiz for the eleventh grade students at SMKN 1 Nganjuk in the academic year of 2023/2024. H_o (Null Hypothesis) states that there is no difference effect between the achievement of the student's vocabulary mastery before being taught by using Instagram polling quiz and the achievement of the students in vocabulary mastery after being taught by using Instagram polling quiz in the class XI-PGIM 2 at SMKN 1 Nganjuk in the academic year of 2023/2024.

Based on the result of t-test above, it can be seen that the Null Hypothesis (H_o) is rejected and Alternative Hypothesis (H_a) is accepted. It means that their significant effect difference between the result of student's achievement in pre-test and post-test. It can be concluded that the achievement of the student's vocabulary mastery after being taught by using Instagram polling quiz is better than before being taught by using Instagram polling quiz.

The students were given pre-test as the first test based on the vocabulary part of speech classification in grammar PANCAVIP (pronoun, adjective, noun, conjunction, adverb, verb, interjection and preposition) with 20 questions multiple choice and every question had 5 point. It means that the students would get best score / 100 if they could answer 20 questions correctly. In this section, the researcher found the result of pre-test and it was still under passing score. The mean of the pre-test result was 57 and their English was low before using Instagram Polling Quiz. From the result, the students needed strategy to improve their vocabulary. So the researcher was giving the treatment. The treatment was learning with an Instagram polling quiz, many students were enjoying and focus at that time.

Post-test was giving a test to know the student's vocabulary after the students were being treatment. In post-test section, the researcher gave them 20 questions with multiple choice questions and every question had 5 point like before in pre-test based on the vocabulary part of speech classification in grammar PANCAVIP (pronoun, adjective, noun, conjunction, adverb, verb, interjection and preposition). Before doing post-test, the researcher made a sure of their understanding in vocabulary with the treatment which the researcher gave to them. Many students got score up passing score. It means that most of them got the understanding easily and got the technique for practicing English with an Instagram polling quiz as the method. Post-test got 86,5 as the mean score. So, it means the students mean score improve than before.

From the analysis above, it is obtained t_{count} 17,065 and t_{table} 1,690 at significant level than $t_{count} > t_{table}$, it means that the alternative hypothesis was (H_a) was accepted. This means there are significant difference in students learning outcomes between before and after using an Instagram polling quiz to improve student's vocabulary mastery. So, it can be concluded that "improving student's vocabulary mastery by using Instagram polling quiz" is more effective for increasing students learning outcomes in eleventh grade class XI-PGIM 2 at SMKN 1 Nganjuk in the academic year of 2023/2024.

CONCLUSION AND RECOMMENDATION

The objective of this research was to investigate the significant differences between students' vocabulary mastery before and after using Instagram polling quiz with the material of part of speech for the eleventh grade at SMKN 1 Nganjuk. The researcher draws the conclusion as follow; it based on the data analysis:

The student's vocabulary before being taught by using Instagram polling quiz is still very limited, many students had limited vocabulary in English, even for common words and objects. The pre-test scores of certain kids show that they know some English vocabulary. The pre-test mean research result is 57 with low criteria. There are still many pupils who score below average, and only a few of them pass the pre-test.

The student's vocabulary after being taught by using Instagram polling quiz get new knowledge and vocabulary increases, many students are active and enjoy learning English, all of that can be seen from many students who get good score in the post-test. This is evidence from the average value of post-test. The average post-test result was 86,5 with excellent criteria.

There is a significant different before and after being taught by using Instagram polling quiz. The student's pre- and post-test results show an improvement. Based on data analysis where is study to determine the significant effect of students' vocabulary mastery before and after being taught by Instagram polling quiz of $t_{\text{count}} = 17,065$ and $t_{\text{table}} = 1,690$, then $t_{\text{count}} > t_{\text{table}}$ which means H_a is accepted. So, there is significant of the differences between the students' vocabulary mastery before and after taught by using Instagram Polling Quiz of the eleventh grade at SMKN 1 Nganjuk in the academic year of 2023/2024. So it can improve students' vocabulary mastery. Another difference is that students are more engaged, have more fun, and are more willing to speak English in class after being taught via an Instagram polling quiz.

Based on the results of this research, suggestions that can be drawn in these statements below ; (1) On process learning, every method and strategy applied have to be in agreement with the material at school as it may affect success and useful to the students in learning. (2) The teacher should make new system to the students which they are brave to speak up and brave when they got difficult thing in learning. The teacher should make fun class to make students enjoy the learning. (3) This research needs further research to get better result and improvement in implementation to the following research in other school, due to this research in the eleventh grade at SMKN 1 Nganjuk in the academic year of 2023/2024.

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