

IMPROVING SPEAKING SKILL BY USING PODCAST AT THE ELEVENTH GRADE OF SMA NEGERI 5 PEMATANG SIANTAR

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ABSTRACT

The aim of this research was to to analyze the effect of Using Podcast media on students's speaking skill at the eleventh th grade of SMA Negeri 5 Pematangsiantar. in the academic year 2022/2023. This research located in medan street , Kec.Siantar Martoba, Pematangsiantar. This research used quantitative approach with true experimental design. The population in this research is the eleventh grade students at SMA Negeri 5 Pematangsiantar with total sample is 32. The data were obtained by using pretest and posttest. The data of the pretest and post- test of both groups were analyzed by using descriptive and inferential statistics (SPSS 26.0). The result of the research shows that the testing hypothesis of posttest scores was found that $t_{count} = 18.296 > t_{table} = 1.699$ at the significance level $\alpha = 0.05$ and degrees of freedom (df) = 29. So, H_0 is rejected and H_a is accepted. It means that the Using of Podcast media effect significantly on student speaking skill at SMA Negeri 5 Pematangsiantar in academic year 2022/2023.

Keyword : Podcast, Speaking Skills.

I. INTRODUCTION

The Background of Research

Language is a way to deliver ideas from one people to other people. In our life, language is the primary instrument. By language, people can communicate to express their ide as or othere xpressions. Language isusedasan effective communication in social activities. People cannot build interaction with others without using language. For variouspurposes and reasons,someoneuses language both spoken and written to convey their feeling and opinions.

The teaching and studying of English is intended to master the four language skills,such as listening, speaking, reading and writing. These four skills are the most importantelement to know basic of English. So the students as a generation of this country that areexpected can increase the quality of learning English in order they are able to understand International language.

The Problem of Research

Based on the background above, the problem of research can be stated as follow” Does the use of podcast media can improve speaking skills at the eleventh grade of SMA Negeri 5 Pematang Siantar?

The Objective of the Research

Based on the problems above, the aim of this research is to find out how using podcast media can improve the English speaking skills of eleventh grade students at SMA Negeri 5 Pematang Siantar.

Scope and Limitation of Research

This research focus on measuring students' accuracy which consists of vocabulary and also the fluency on English speaking skill which consists the smoothness.

Significances of the Research

The result of the research is aimed to give benefit to :

1. For Researchers, researchers hope that their research can inspire other researchers to continue conducting research with the same topics and interests, as well as enriching references for other researchers.
2. For Students, the researcher hopes that students will be more aware in learning English, students can practice their English speaking skills and also English listening skills by watching videos



- Podcasts on YouTube, and students continue to watch Podcast videos to gain their knowledge, knowledge, self-development, and critical thinking.
3. For English teacher, the researcher hopes that this research can be a reference for teachers to teach English, especially English speaking skills and help teachers use this technique to improve students' speaking skills.
 4. For further researcher finally, these finding of this study can be used other researcher who are interested in English to get useful information.

The Hypothesis of Research

(Arikunto, 2010) states that hypothesis comes from two words namely hypo and thesa. Hypo means under and thesa mean the truth. On its development, the word hypothesa moved to hypothesis. So the meaning of hypothesis is temporary answer of research problem. There are two hypothesis, they are Null Hypothesis (H₀) and Alternative Hypothesis (H_a).

H₀ = There is no improvement on the use of Podcast as a Media for the students' Speaking skill skill at the eleventh grade of SMA Negeri 5 Pematang Siantar 2022/2023 academic year.

H_a = There is a improvement on the use of Podcast as a Media for the students' Speaking skill at the Eleventh grade of SMA Negeri 5 Pematang Siantar 2022/2023 academic year.

II. REVIEW OF LITERATURE

Description of Speaking

Speaking is a productive skill similar to writing. It has its own genre because it has several stages to achieve the goal of using language interactively (Martin & Rose, 2012). Speaking involves sound to express the meaning you want to make interaction occurs. That is, speaking is an interactive communication process that connects ideas between the speaker and the interlocutor with a specific purpose. Speaking is a process of sharing and building a sense of using spoken/verbal in various contexts. Speaking is the act of making vowel sounds, helping to persuade listeners to follow a message, in a convincing and tactful manner. (Harmer, 2002) mentions speaking is about producing words in the right order. Speaking does not only involve vocal sounds but also needs to be aware of aspects of speaking which include the general structure of speaking events that need to be followed sequentially or are called genres (Samad & Adnan, 2017).

Description of Media

Media is a means to transfer or deliver messages. Li-Ling Kuo states that a medium is called educational media when the media conveys messages for teaching (Li-Ling, 1996). He added that the use of media is important and it is impossible to coordinate teaching with learning without using media (Li-Ling, 1996). Media is flexible because it can be used for all levels of students and in all subjects.

Teaching media can also encourage students to take more responsibility and control over their own learning, engage in syllabus planning together, and take a long-term perspective on their own learning (Masterman, 1999). Because the media provides many advantages, a teacher must consider the media to be used in the teaching and learning process.

Description of Podcast

According to (Sloan, 2005), podcasting is an innovative way of broadcasting through the Internet and can be used for transferring digital audio content automatically to mobilephones. (Gromik, 2008) claims that podcasting can provide learners with "access to resources which are authentic, free and otherwise not available" in non-English speaking contexts. Scholars have offered some reasons for including podcasts in language learning classrooms.

Podcasting is possible anytime and anywhere. Students can save their time, money and energy by downloading and listening to the podcasts at their convenience.

Personalization is an option that podcasting can provide for learner stomach their learning style and strategies. (Mc Rae, 2010) defines personalized learning as assessing and addressing individual learners' strengths based on their specific need and learning styles.

- 1) Podcasting can provide pedagogic advantages when use dascomp lementary to 'E - learning'.
- 2) Probably one of the most important pedagogic characteristics presented by the podcasts is enabling



learning through listening. (Rosell – Aguilar, 2013) argues that listening to the podcasts can facilitate learning by providing comprehensible input through meaning full and engaging activities.

III. RESEARCH METHODOLOGY

The Research Design

This research was conducted using an experimental method with one group, namely the experimental class. This is intended to test and prove the hypothesis by giving treatment to the sample. One group pre test – post test is a research design in which one group of participants is pre tested on the dependent variable and then given a post tested after the treatment condition has been assigned. This shows whether the Podcast as a medium has an effect on speaking skills.

The Location of Research

This research was conducted at SMA NEGERI 5 Pematang Siantar. This location was chosen because students at the school have difficulty speaking, especially in introducing themselves. Podcasts as media are expected to help students in speaking

The Population and Sample

The population for this study was taken from eleventh grade students of SMA 5 Pematang Siantar for the 2022/2023 academic year. There are ten parallel classes. XI IPS there are five class. The number of students in each class is 32 students. So the total population is 160 students samples were taken from class XI- IPS 4, the reason for choosing this class in this study was because in carrying out teaching assistance previously, students in this class had difficulty speaking. The following is a sample table:

The Sample of the Research

No.	Classes	Sample
1	XI – IPS 4	32
Total		32

The Instrumental of Collecting Data

The data of the study was collected by asking the students to write self-introduction and present it in front of the class orally. It was given to the students in order to know their pronunciation, fluency, accuracy and vocabulary in English. The test was given to students that aim to collect the data in supporting the students mastery in speaking.

The Technique of Collection Data

In collecting the data, there searcher compiled the scores from the steps below:

1. The test was given to experiment group. In the first meeting was to collect the pre-tests cores, and the test was a written and oral test.
2. In the last meeting was by using Podcasts media in experimental group. There searcher made the same test again to this class to collect the post - test scores, and the test was a written and oral test. Listing the score of pre –test and post- test in to the table for the experimental group.

The Technique of Analyzing Data

Technique of analyzing data in this research uses mean formula to know the average of students' score and to check students' self confident improvement in speaking. In scoring the pre-test and the post - test, the researcher adopted oral proficiency scoring categories developed by Brown in (Arikunto, 2010) it is stated that there are five important items need to be scored such as grammar, vocabulary, comprehension, fluency, and pronunciation. After knowing the score of the students will give the level achievement to the students. The researcher calculating the frequency and normality of the test by using SPSS version 26.0.

IV. THE DATA AND DATA ANALYSIS

The Data and Data Analysis

This chapter discusses about the data that the researcher during the research. The researcher analyzed the data to find out the effects significantly of using Podcast media in speaking skill at



the eleventh grade of SMA Negeri 5 Pematangsiantar. The grade XI of SMA Negeri 5 Pematangsiantar has 1 classes which consists of 32 students.

Table 1. Score of Pre-test

No	Students' Initial	Vocabulary	Accuracy	Pronunciation	Fluency	Score
1	AjuarnasArbiwinata	15	18	14	12	59
2	Alisa Fitri	16	18	14	12	60
3	Ananda S Putri	18	18	14	12	62
4	Anggi Alfia	18	16	12	12	58
5	Devan R Nasution	15	20	12	10	57
6	Diva Naziz	20	22	15	12	69
7	Dwi Nabila Hafni	21	22	15	15	73
8	Edo R Fransisco	20	20	16	12	68
9	Hafiz A Fahrezi	18	20	17	12	67
10	Hana Amelia	18	18	14	12	62
11	Indi Aulia Mawarid	22	20	16	12	70
12	Intan Meysa H	20	22	16	13	71
13	Juan Kevin P	15	15	18	15	63
14	Juanda Apriansyah	15	18	14	14	61
15	Mhd Zona Aditya	20	21	18	15	74
16	Nazwa Khairunissa	18	20	16	16	70
17	Neza Azura	18	20	17	14	69
18	Prasetti Mhd Arif	20	20	16	14	70
19	Rangga	22	22	15	12	71
20	Rangga Winata	18	20	16	14	68
21	Rayhan HotMaduma	18	20	14	10	62
22	Ricardo Widodo	18	18	15	12	63
23	Rila Afna Rawi	22	22	15	12	71
24	Sakila Zahra	16	14	12	12	54
25	Sasta Glovia Talenta	20	20	15	14	69
26	Satria Hardiansyah	20	21	15	12	68
27	Sinta Kumala Sari	22	20	15	12	69
28	Sonia Dermawati I	18	22	14	14	68
29	Syuhada Mutika s	18	20	12	10	60
30	Tiana Mutika s	15	20	10	12	57
31	Tri Fitri jelita Nur	20	20	16	14	70
32	Wahyu Pardiansyah	20	20	16	15	71
	Total	576	627	474	409	2104
	Avarange	18	19	14	12	65

Table 2. The Score of Post Test

No	Students' Initial	Vocabulary	Accuracy	Pronunciation	Fluency	Score
1	AjuarnasArbiwinata	20	20	17	14	71
2	Alisa Fitri	22	21	18	15	76
3	Ananda S Putri	20	22	16	14	72
4	Anggi Alfia	20	20	17	14	71
5	Devan R Nasution	18	20	18	15	71
6	Diva Naziz	23	23	18	15	81
7	Dwi Nabila Hafni	22	23	18	14	78
8	Edo R Fransisco	20	21	18	16	75
9	Hafiz A Fahrezi	20	23	19	16	78
10	Hana Amelia	22	20	18	15	75
11	Indi Aulia Mawarid	22	24	19	18	83
12	Intan Meysa H	22	23	18	16	79
13	Juan Kevin P	20	20	18	16	74
14	Juanda Apriansyah	20	21	18	16	75
15	Mhd Zona Aditya	22	23	21	18	84



No	Students' Initial	Vocabulary	Accuracy	Pronunciation	Fluency	Score
16	Nazwa Khairunissa	20	22	18	16	76
17	Neza Azura	22	21	20	17	80
18	Prasetti Mhd Arif	21	21	18	16	76
19	Rangga	22	23	18	16	79
20	Rangga Winata	20	22	18	15	75
21	Rayhan HotMaduma	22	22	18	16	78
22	Ricardo Widodo	21	20	18	17	76
23	Rila Afna Rawi	22	23	19	14	78
24	Sakila Zahra	18	21	17	16	72
25	Sasta Glovia Talenta	22	21	19	14	76
26	Satria Hardiansyah	23	23	18	15	79
27	Sinta Kumala Sari	22	20	17	15	74
28	Sonia Dermawati I	20	22	18	14	74
29	Syuhada Mutika s	20	21	18	16	75
30	Tiana Mutika s	18	21	17	14	70
31	Tri Fitri jelita Nur	22	23	19	17	81
32	Wahyu Perdiansya	22	23	20	18	83
	Total	692	693	581	498	2376
	Avarange	21	21	18	15	74

Based on the table above, it is found that the number of students is 32 students. the total score of pre- test is 2104 and post-test scores is 2376. The avarange of pre- test is 65 and Avarange of Post-Test is 74 higher than before . The distribution of post-test data frequency in experimental

The Research Finding and Discussion

The purpose of this research is to find out the differences in students learning outcomes and to find out the effect of using Podcast media on speaking skill at eleventh grade of SMA Negeri 5 pematang Siantar.

The findings in pretest of experimental class the total of score is 2104, the data is valid 100% with total students are 32 the mean of the posttest in experimental class is 76.44 and standard deviation 3.902. Median of posttest experimental class is 75.50 with variance 15.222 and range 14. The maximum score is 84 and the minimum score is 70. The total of post-test score is 2376. To find out the data is normal or not, we ca be seen in the normality table as below.

Meanwhile The Research finding significance $\alpha = 0.05$. The data is said to be distributed normal if $\text{sig} > 0.05$ and then data is said to be not distributed normal if $\text{sig} < 0.05$. Based on the table above, it is found that the sample of the research is 32 with mean = 76.44 and standard deviation = 3.902. The score of absolute = 144, score positive 144 , and negative score = -093 , Statistic test is 144, and significant value is 0.02, so $\text{sig} > 0.05$ ($0.2 > 0.05$). It means that post-test score in control class is distributed normal.

V. CONCLUSION AND SUGGESTION

Conclusion

Significant differences in speaking skills between those taught podcast and those who are not eleventh graders of SMA Negeri 5 Pematang Siantar. T count compared to t_{table} is good at the 0.05 level statistic 0.05 t_{table} is 1.680. Based on t table, it can be analyzed that t count is higher than t table, at the 0.05 level, in other words we can read $4,437 > 1,680$. Thus, the researcher concluded that H_0 was rejected an H_a is accepted meaning there is a significant difference in usage podcast for class eleventh at SMA Negeri 5 Pematang Siantar.

Suggestion

1. The English teacher must consider the time allocation for treatment. must be good material preparation beforehand, because The material must be conveyed and explained to students in full and systematically.



2. Students must realize that they have a major role in learning activities using a student center approach. It means that the success of teaching and learning activities is based on them.
3. For future researchers who are interested in conducting similar research, it is better.

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