

**THE EFFECT OF APPLYING SONG LYRIC IN JOOX APPLICATION  
TO IMPROVE STUDENTS' ACHIEVEMENT IN LISTENING SKILL  
OF TENTH GRADE STUDENTS AT SMA SWASTA AL-IHSAN  
WAMPU**

<sup>1</sup>**Ummi Umara,**

<sup>1</sup>Dosen STKIP Budidaya Binjai

[<sup>1</sup>umaradocuments@gmail.com](mailto:umaradocuments@gmail.com)

<sup>2</sup>**Siti Maimanasari**

Mahasiswa STKIP Budidaya Binjai

[<sup>2</sup>maimanasari39@gmail.com](mailto:maimanasari39@gmail.com)

**ABSTRACT**

The objective of this study was to find out the effect of song lyric method in using joox application in teaching listening at tenth grade students of SMA Swasta Al-Ihsan Wampu. This was a quantitative pre experimental research design and the writer chose one time series design. There were only one class, that was experimental class. The experimental class was taught by using conventional method in pre-test and taught by using song lyric in post-test. The sample was 18 students where the writer used purposive sampling technique. Based on the result of the data analysis, the value of  $t_{count}$  was 1,92 and the value of  $t_{table}$  was 1,74 for 5%. It means that  $t_{count} > t_{table}$ . It can be concluded that learning listening by using song lyric method had a significant effect. In other words the students' listening skill could be improved by using song lyric method.

**Keywords:** Song Lyric Method, Listening Skill, Joox Application.

**ABSTRAK**

Tujuan penelitian ini adalah untuk menemukan pengaruh metode lirik lagu pada penggunaan aplikasi joox dalam pengajaran mendengarkan pada siswa kelas x SMA Swasta Al-Ihsan Wampu. Ini adalah sebuah desain penelitian kuantitatif pre eksperimen dan penulis memilih desain one time series. Hanya ada satu kelas, yaitu kelas eksperimen. Kelas eksperimen diajarkan dengan menggunakan metode konvensional pada pra-tes dan diajarkan dengan menggunakan lirik lagu pada pasca-tes Sampelnya adalah 18 siswa yang mana penulis menggunakan tehnik purposive sampling. Berdasarkan hasil data penelitian, nilai  $t$  hitung adalah 1,92 dan nilai  $t$  tabel adalah 1,74 untuk 5%. Itu berarti bahwa  $t$  hitung  $>$   $t$  tabel. Dapat disimpulkan bahwa pembelajaran mendengarkan dengan menggunakan metode lirik lagu memiliki pengaruh yang signifikan. Dengan kata lain kemampuan mendengarkan siswa bisa ditingkatkan dengan menggunakan metode lirik lagu.

**Kata Kunci:** Metode Lirik Lagu, Kemampuan Mendengarkan, Aplikasi Joox.

**I. INTRODUCTION**

The English is an international language that researcher must know, so it requires us to learn it. The position of English language is as our third language,

where our first language is our mother tongue, and the second language is Indonesian. Since the researcher was in our mother's womb, researcher is used to

listening to Indonesian language in the surrounding environment through our mother's communication with the people. The researcher is also used to listening to tribal language in the mother's and father's family environment. The researcher continued to grow and develop through those times until at a certain age when researcher start to speak researcher can use Indonesian and our tribal language well. The researcher didn't learn them specifically because both languages are ours and researcher got them naturally. While being able to speak English, researcher need the ways to learn it.

English is a very important language to be learnt, therefore the government has implemented English lessons in schools. Starting from, elementary school, junior high school, senior high school, up to university level. Even today, there are many institutions that provide English courses around where researcher live to further hone our English skills, both for students and non-students (all people).

The function of English is very important and great, that is for school knowledge, work, own knowledge, and as a communication tool when researcher face foreigners directly or indirectly. English consists of four skills, they are reading, writing, listening, and speaking. Listening is an activity to understand what we are listening to. Listening is viewed then, not only as a linguistic skill, but as a cognitive and social skill involving non-linguistic

judgements by the listener (Michael, 2013: 11). In teaching English it is not easy to make students understand the material presented by the teacher because every students have different ability. There are students who can understand the material well and quickly, then the students can explain the material to their friends by their own understanding. Besides that there are some students are slow in understanding the teacher's explanation. To overcome those problems, the teacher must be able to make students like the learning material using a certain way that is interesting, fun, and does not burden students' mind.

The Effect Of Applying Somatic Auditory Visual (SAVI) Approach On Students' Speaking Achievement In Oral Descriptive Text Of 2018/2019 Eleventh Year Students' Of SMA Yayasan Pendidikan Harapan Bangsa Kabupaten Langkat", the problem is there were many students who cannot speak English well. It means, still many students could not pass their KKM. While minimal Passing Criteria (Kriteria Ketuntasan Minimal: KKM) for the English subject is 70. The location is langkat. The subjects of research was the 2018/2019 eleventh grade students of SMA Yayasan Pendidikan Harapan Bangsa. The result of the research is SAVI approach

significantly affect the students' speaking achievement in oral descriptive text. (Umara, et.al, 2018).

The thesis which the title is "The Effect of Praise-Question-Polish (PQP) Strategy On Students' Writing Descriptive Text of The Tenth Grade Students of SMA Swasta YPIS Maju Binjai", the problem is the students were difficult in developing a descriptive text. The location is in Binjai, where the sample is tenth grade students of SMA Swasta YPIS Maju Binjai. The result of the research showed that  $t_{\text{observed}}$  was higher than  $t_{\text{table}}$ , namely  $6,971 > 1,672$ . Therefore, the hypothesis was accepted. It means that there is significant effect of Praise-Question-Polish (PQP) Strategy on students' writing descriptive text of the tenth grade students of SMA Swasta YPIS Maju Binjai". (Umara, et.al, 2019).

"The Effect Of Think-Talk-Write (TTW) Strategy on Students' Writing Skill in Recount Text of The Tenth Grade Students' of SMA Swasta Pelita Bulu Cina", the problem is many students do not understand how to write a decent and proper essay. The subjects of research was the 2018/2019 tenth grade students of SMA Swasta Pelita Bulu Cina. The result of the research is  $t_0 = 16,48$ , and  $t_{\text{table}} = 1,67$ , it means,  $t_0$  is higher than  $t_{\text{table}}$  in significant level 5% so the null hypothesis is rejected, and the alternative hypothesis is accepted. In other words, using TTW Strategy had effect on students' writing skill in recount text of the tenth grade of SMA Swasta

Pelita Bulu Cina in Academic Year 2022/2023. (Umara, et.al, 2022).

As for the researcher's practical experience teaching at SMA Swasta Al-Ihsan Wampu, in grade 11<sup>th</sup>, during teaching and learning activities, researcher found several problems that students felt, they are some of the students less concentrated when the researcher explained the material, the students were less interested in responding to what the researcher explained, the students did not master vocabularies, the students felt difficult in pronouncing vocabularies, the students' pronunciation is not good, and the students were less interested studying English because it was difficult to understand English writing contained in the textbook.

For this reason, the researcher wants to try to use a fun teaching technique to know the students' listening skill by using a song that will be played with the cellular phone and music box, then the researcher will give a piece of paper containing song lyrics, which is in the song lyrics there are some empty parts that students have to complete in based on their listening knowledge that they will listen from the song that will be played. The researcher will use the joox application.

Song is a short musical work set a poetic text with equal importance given to music and to the words (Bahri, Thesis, 2018: 15). Joox is one of music application using an internet connection that can be

downloaded from the play store on smart phone. Joox is one of music application using an internet connection that can be downloaded from the play store on smart phone. Joox is a music streaming service lunched in January 2015 by tencent, the company behind the instant mobile messaging WeChat (Siswanto, <https://id.m.wikipedia.org/wiki/JOOX>, accessed on October 20<sup>th</sup>, 2015).

By applying this technique the writer hopes that the students can improve their listening achievement, they are more interested in learning English, and they like listen English song. Based on the problems above, the writer want to conduct a research which entitles, "The Effect of Applying Song Lyric in Joox Application to Improve Students' Achievement in Listening Skill Tenth Grade Students of SMA Swasta Al-Ihsan Wampu in Academic Year 2022/2023.

## II. RESEARCH METHODOLOGY

This research was conducted at SMA Swasta Al-Ihsan Wampu. The location was at Jl. Abadi Desa Pertumbukan, kec. wampu, kab. langkat. The research held on the academic year 2022/2023. This research was conducted from April 2023. It is the period in the first semester of new academic year.

The design of the research that researcher used was the one-group time-series design. The one-group time-

series design involves periodic measurement on one group and the introduction of an experimental treatment into this time series of measurements. As the design indicates, a number of measurements on a dependent variable are taken, X is introduced, and additional measurements of Y are made. By comparing the measurements before and after, you can assess the effect of X on the performance of the group on Y. A time-series design might be used in a school setting to study the effects of a major change in administrative policy on disciplinary incidents. Or a study might involve repeated measurements of students' attitudes and the effect produced by introducing a documentary film designed to change attitudes (Ary, 2006: 320). The sketch could be seen as follow:

### One-Group Time-Series Design

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$Y_1 Y_2 Y_3 Y_4 X Y_5 Y_6 Y_7 Y_8$

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The single-subject experimental designs are a type of experimental design with a unique feature: the sample size is just one or is composed of a few participants who are treated as one unit (Ary, 2006: 322). In this research, the subjects would be classified into only

an experimental group without control group. The students' listening skill achievement were checked by pretest ( $Y_1, Y_2, Y_3, Y_4$ ). They taught by using conventional method. Then the students' listening skill achievement were checked by post test ( $Y_5, Y_6, Y_7, Y_8$ ). In the post test they treated by using Song Lyrics ( $X$ ), then, the result of pretest and posttest was computed statistically. The test was held in the written form.

The population of this research was all tenth grade students of SMA Swasta Al-Ihsan Wampu in academic year 2021/2022. The total number of population was 18 students which was divided into one class.

In this research, the writer used purposive sampling technique. In purposive sampling, also referred to as judgment sampling, sample elements judged to be typical, or representative, are chosen from the population. There were 18 students would become sample and they were grouped into the experimental class.

### III. DATA AND DATA ANALYSIS

The test both for pre-test and post-test consisted of 8 tests. Where each of the test both had 15 items. The test was in the form of multiple choice.

#### Validity Test

Validity test is carried out to measure whether the data that has been

obtained after the research is a valid data or not. In this research, the researcher used product moment correlation with rough numbers:

$$r_{xy} = \frac{\sum XY}{\sqrt{(\sum X^2)(\sum Y^2)}}$$

Where the significant level 95% and df =  $18-1=17$ .

**Table 1. Validity Test**

Group	R	$t_{count}$	$t_{table}$	Description
Pretest 1	0,990	0,990	0,688	Valid
Pretest 2	0,983	0,983	0,688	Valid
Pretest 3	0,986	0,986	0,688	Valid
Pretest 4	0,965	0,965	0,688	Valid
Posttest 1	0,994	0,994	0,688	Valid
Posttest 2	0,995	0,995	0,688	Valid
Posttest 3	0,995	0,995	0,688	Valid
Posttest 4	0,996	0,996	0,688	Valid

Table 1 above showed that the data pretest and posttest were valid. Each item or question was valid because the  $t_{count} > t_{table}$  (0,688), so that there were no question items that need to be corrected.

#### Reliability Test

Reability test is a tool used to measure the consistency of questionnaires which are indicators of variable. The formula for calculating the reliability coefficient of the instrument using Cronbach Alpha is as follow:

$$r = \left( \frac{k}{(k-1)} \right) \left( 1 - \frac{\sum \sigma_b^2}{\sigma_t^2} \right)$$

The total variance of item 1,2,3,4,5,6,7,8 is:

$$\Sigma \sigma_b^2 = 0,91 + 0,54 + 0,53 + 0,49 + 0,36 +$$

$$0,46 + 0,43 + 0,36 = 4,08$$

$$r = 1,2425 \rightarrow \text{rounded to } 1,24$$

$n = 18$ .  $r_{\text{table}}$  on significance taraf ( $\alpha$ ) = 0,05 is 0,468.

$r_{\text{count}}$  is 1,24.

$r_{\text{count}} 1,24 > r_{\text{table}} 0,468$ . The data was reliable.

### Normality Test

Normality test is a test to measure whether the data obtained has a normal distribution so that it can be used in hypothetical parametric statistic. The researcher used Kolmogorov Smirnov test with  $D_{\text{table}} 0,317$ . According to time series design, the results of normality test were :

**Table 2. Normality Test**

Group	Average	SD	$D_{\text{count}}$	Description
Pretest 1	34,44	9,83	0,229	Normal
Pretest 2	38,88	7,58	0,219	Normal
Pretest 3	42,27	7,51	0,220	Normal
Pretest 4	33,88	9,78	0,178	Normal
Posttest 1	54,44	6,15	0,264	Normal
Posttest 2	63,88	6,97	0,253	Normal
Posttest 3	81,11	6,76	0,287	Normal
Posttest 4	91,66	6,18	0,311	Normal

Table 2 showed that  $D_{\text{count}} < D_{\text{table}}$ , so that  $H_0$  was accepted. It meant that the data was normal distribution.

### Homogeneity Test

Homogeneity test is a test that aims to show that two or more groups of data samples taken from a population have the same variance.

$$S_i^2 = 59,63$$

$$\text{Log } s_i^2 = \log 59,63 = 1,77$$

$$B = (\Sigma d_b) (\log s^2) = (136) (1,77) = 240,72$$

$$X^2 = -376,924$$

$$X^2_{(0,05;k-1)}(0,05;8-1) (0,05;7)$$

$$X^2 \leq X_i^2$$

$-376,924 \leq 14,0671$  means that the data was homogeny.

### Hypothesis Test

The test criteria for the hypothesis is that  $H_0$  is rejected or  $H_a$  is accepted if  $t_{\text{table}} > t_{\text{count}}$ , with a 95% confidence level (Ayu, Thesis, 2021: 39). The formula that the researcher used was paired sample t-test with  $\alpha = 0,05$ ,  $db = 18-1 = 17$ ,  $t_{\text{table}} = t_{(\alpha, db)} = t_{(0,05,17)} = 1,74$ , and standard deviation of the difference scores is:

$$S = \sqrt{\frac{n \cdot \Sigma x^2 - (\Sigma x)^2}{n(n-1)}}$$

**Table 3. Hypothesis Test**

Group	$t_{\text{count}}$	Description
Pretest 1	1,92	$H_0$ was accepted
Pretest 2	4,98	$H_0$ was accepted
Pretest 3	7,21	$H_0$ was accepted
Pretest 4	2,22	$H_0$ was accepted
Posttest 1	2,73	$H_0$ was accepted
Posttest 2	2,19	$H_0$ was accepted
Posttest 3	6,98	$H_0$ was accepted
Posttest 4	8,04	$H_0$ was accepted

Table 3 showed that  $H_0$  was accepted. There was significant effect of applying song lyric in joox application to improve students' achievement in listening skill tenth grade students of SMA Swasta Al-Ihsan Wampu in Academic Year 2022/2023?"

#### IV. CONCLUSION AND SUGGESTION

##### Conclusion

Based on the result of research data, the writer concluded that the value of  $t_{\text{count}}$  was 1,92 and the value of  $t_{\text{table}}$  was 1,74 for 5%,  $t_{\text{count}} > t_{\text{table}}$ . It can be concluded that learning listening by using song lyric method had a significant effect. In other words the students' listening skill could be improved by using song lyric method.

##### Suggestion

Based on the conclusions above, the writer suggested that:

1. The English teacher should try to apply song lyric method in teaching listening skill, because it could increase the students' listening skill, the students' interesting to learn English and the students can understand English in enjoyable condition.
2. The English teachers might apply the song lyric method that is appropriate for students need because it is little difficult for the students while the assignment or topic is unsuitable with their background knowledge or experience.

3. The other researchers should increase the study about song lyric method dealing with listening skill because it is possible to get another finding so that the study is better than this study.

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