

THE EFFECT OF QUIZIZZ APPLICATION ON JUNIOR HIGH SCHOOL STUDENTS' READING SKILLS

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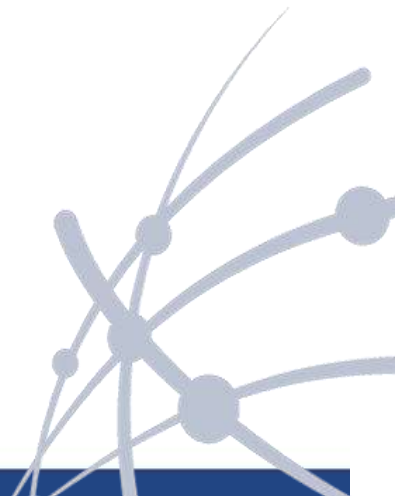
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Introduction

According to Anderson (1982), reading is a process in which the reader's prior knowledge and the information from the text interact to create meaning.

Students' reading ability is heavily influenced by their mastery of vocabulary skills and reading habits, which allow them to understand reading more easily (Ermawati & Vidya, 2018).

Technology is growing with the times that have a positive impact in life, one of which is for education (Ananda, 2017).

Quizizz is a website tool for making fun, interactive tests to use in the classroom (Aini, 2019).

Research GAP

1.	Rasyid (2021)	Improving student's reading skills through Quizizz of senior high school students tenth grade	Focused on improving reading skills in descriptive text by using the Quizizz
2.	Priyanti, et al (2019)	Effect of the Quizizz application on English reading comprehension of senior high school students' eleventh grade	Focused on examining the major impact of integrating Quizizz with mobile-assisted language learning (MALL) on students' reading comprehension
3.	Kristiani (2021)	Using Quizizz to improve students' reading skills	Focused on studying research papers related to the use of Quizizz in languages teach and learn to read, then collect data from articles and books.

Research Question

Is there a significant effect of using quizizz on improving reading skills in seventh grade students of SMP Muhammadiyah 6 Krian?

Methodology

This research applied a pre-experimental method. This design involved one group that is pre-test (O1), expose to treatment (X) and post-test (O2). Researcher used the IBM Statistics Version 26 application to calculate research results.

Findings

This is the table of the results one group pre-test and post-test:

Table 1: Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
Pre-Test	30	40	85	2080	69,33	12,576
Post-Test	30	60	100	2655	88,50	9,662
Valid N (listwise)	30					

Findings

- This is the results of normality test:

Table 2: One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		30
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	10,82243795
Most Extreme Differences	Absolute	,120
	Positive	,088
	Negative	-,120
Test Statistic		,120
Asymp. Sig. (2-tailed)		,200 ^{c,d}

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

Findings

- The following is a calculated table using the paired sample test:

Table 3: Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Pre-Test - Post-Test	-19,167	11,302	2,063	-23,387	-14,947	-9,289	29	,000

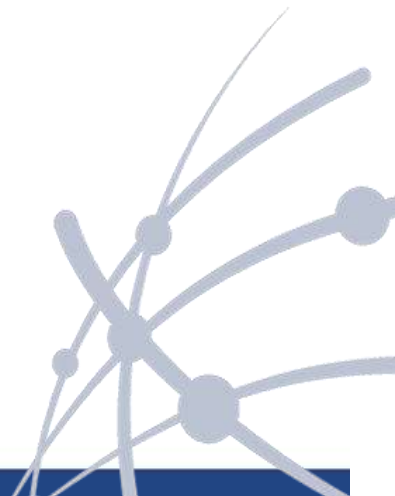
Research Implication

The implications are drawn from the research findings that there are significant differences in students' reading skills between before and after using quizizz application, this research implies that the use of quizizz application is needed in teaching reading.

Considering the conclusions drawn above, it implies that use quizizz application is able to improve students' reading skills that can be seen from the progress of students in working on the questions after being given treatment using the quizizz application.

Conclusion

The use of Quizizz learning media can help improve students' reading comprehension at SMP Muhammadiyah 6 Krian. The researcher has also compared several previous studies, the results of which can be proven in this study. With interesting features in the Quizizz application it also helps increase student enthusiasm in learning compared to doing questions using paper and pens.



Suggestion

The sample size used in this study was small, the researcher suggest for further research to use a larger sample so that the findings can be generalized more broadly. Suggestion for the school is to provide Wi-Fi access to students, because not all students have internet access.

