The effect of Using the Nearpod Application on the Reading Comprehension of Narrative Text in an International Class at Senior High School

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Background

1. Implementation Kurikulum Merdeka, Diagnostic Test : Diagnostic assessment is specifically designed to identify the competencies, strengths, and weaknesses of learners, enabling educators to tailor the learning process according to students' needs and conditions (Kepmendikbud, 2020, p. 1)
   - International Class Program (ICP) in SMA Muhammadiyah 2 Sidoarjo → Provide valuable insight
   - The result :

2. Reading Comprehension :
   - Fundamental in learning language
   - Primary source of information
   - EFL, significant to build vocabulary, improve grammar, enhance critical thinking
   - Narrative : expose learners to rich language, diverse perspectives, and moral lessons which contribute to their cognitive and emotional development (Lubis, 2016, p. 3)

3. Technology:
   - In education : Effective and creative in learning English
   - integrating technology into the teaching of narrative texts : a learner-centered approach that fosters and improves comprehension
   - Nearpod : Website digital application

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Background

4. State of the Art :

- Nearpod for writing →Nearpod is one of the key solutions to overcome students' perspective about writing (Lestari & Hermanto Sihombing, 2022, p. 79)
- Nearpod for reading →using Nearpod as a teaching tool with the guided reading strategy positively impacted pupils' comprehension (Zahran, 2025, p. 7), Nearpod method of controlling the learning experiences to engage all students in the class and organize learning materials helped improve the students' reading comprehension skills (Pupah & Sholihah, 2022, p. 27)

5. Research Gap :
- The two last research focuses on reading in general, not on narrative text. The implementation of Nearpod itself has never been implied in the ICP class in SMA Muhammadiyah 2 Sidoarjo.

6. The novelty :
- This research wants to explore how is the effect of the Nearpod application can elevate the ICP student's achievement on reading comprehension, especially focus on the reading narrative texts in SMA muhammadiyah 2 Sidoarjo

Question Research

What is the effect of using Nearpod on the reading comprehension of Narrative text for the ICP students in SMA Muhammadiyah 2 Sidoarjo?

Method

- This research uses quantitative approach. Method of the research uses pre-experimental : with one group pretest-posttest design. It is a research design conducted on a single group by observing before and after intervention
- The technique of the sampling is purposive sampling. It is a process of selecting sample according to the researcher's objective
- The research conducted from January to February 2025 in SMA Muhammadiyah 2 Sidoarjo, at Jl. Mojopahit 666 B, Sidoarjo, East java.
- The participants are 36 students consist of 14 boys and 22 girls.
- The instruments are questionnaire and objective tests that cover 15 reading tests.

Result

The research was begun with preliminary study that indicated the difficulty of the students in reading. Then a pre-test was conducted to the participants of ICP students. After that a treatment by using Nearpod application was conducted for 2 meetings which took around 270 minutes in total for the treatment. After that the post-test was held. After getting the result of the post-test, the researcher then conducted a test of normalcy. The test of normality aims to ascertain if the independent and dependent variables within the regression model exhibit a distribution that is either normal or not. In this case, The One Sample Shapiro-Wilk Test was employed in the normalcy test. If the sig. result of the normality table test is more than 0.05, the data is regularly distributed.

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Pretest	80.33	36	8.092	1.349
	Posttest	88.22	36	6.437	1.073

Tests of Normality

	Kelas	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Nilai Ujian	Pretest	.155	36	.028	.941	36	.056
	Posttest	.149	36	.043	.957	36	.173

a. Lilliefors Significance Correction

Discussion

Based on SPSS 26, the average reading score of ICP students at SMA Muhammadiyah 2 Sidoarjo in Narrative text improved significantly after using the Nearpod application. The mean score was 80.33, which increased to 88.22 after the treatment. Since Sig < 0.05, we reject the null hypothesis, meaning there is a statistically significant difference between pretest and posttest scores.

Paired Samples Test

| | | Paired Differences | | | 95% Confidence Interval of the Difference | | | | |
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t	df	Sig. (2-tailed)
Pair 1	Pretest - Posttest	-7.889	7.147	1.191	-10.307	-5.471	-6.623	35	.000

Finding

Students' comprehension of narrative texts was much improved by using the Nearpod application. The students' posttest score of 88.22 rose from their pretest score of 80.33 in narrative text. The student's learning results throughout the pre-and post-tests differed notably, according to the matched samples t-test, with a p-value of 0.000, which was less than 0.05, indicating statistical significance. Based on these results, it is advised that English teachers applied Nearpod into their teaching. Implications include the potential of Nearpod for enhancing literacy skills and promoting student engagement.

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The Benefit of The Research

Future research could explore its effectiveness across diverse student populations and grade levels. Furthermore, qualitative research methods such as interviews and observations could provide deeper insights into students' perceptions and experiences with Nearpod, informing the development of tailored instructional strategies. By addressing these avenues, future research can contribute to the ongoing advancement of technology-enhanced pedagogy and its implications for language learning outcomes.

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