

Penggunaan Strategi *Seamless Learning* pada Penguasaan Kosakata Siswa

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Abstrak: Penelitian ini bertujuan untuk melihat bukti empiris pengaruh pembelajaran *Seamless Learning* terhadap penguasaan kosakata siswa. Peneliti menggunakan eksperimen di kelas 1 MTs Darussalam Gapluk Purwosari Bojonegoro. Penelitian ini bertujuan untuk meningkatkan kesadaran siswa dengan memperluas wawasan mereka dari rumah dan sekolah ke kehidupan sehari-hari mereka. Pembelajaran *Seamless Learning* memungkinkan pengalaman belajar berkelanjutan di sejumlah lingkungan, seperti sekolah atau rumah, sementara pembelajaran *Seamless Learning* tersebar di berbagai lingkungan. Pembelajaran yang mulus adalah jaringan tanpa cela tempat pembelajaran berlangsung di mana saja dan kapan saja. Beberapa keuntungan menggunakan pendekatan *Seamless Learning* antara lain: 1) siswa dapat belajar di kelas dan waktu tanpa batas 2) siswa dapat belajar kapan saja, dan di mana saja 3) pembelajaran terintegrasi antara pendidikan formal dan nonformal. Berdasarkan hasil estimasi post-test rata-rata nilai post-test 82,667, sedangkan rata-rata pre-test 52,000.

Kata-kata Kunci: Seamless Learning, Penguasaan Vocabulary.

The use of Seamless Learning Strategy on Student Vocabulary Mastery

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Abstract: This study aims to see empirical evidence of the effect of unlimited learning on students' vocabulary mastery. Researchers used experiments in class 1 MTs Darussalam Gapluk Purwosari Bojonegoro. It aims to increase students' awareness by expanding their room from home and school to their everyday lives. Seamless learning allows for continuous learning experiences in a number of environments, such as school or home, while seamless learning is spread across multiple environments. Seamless learning is a flawless network where learning takes place anywhere and anytime. Some of the benefits of using a seamless approach include: 1) students can study classes and time without limits 2) students can study at any time, and anywhere 3) integrated learning between formal and non-formal education. Based on the outcome of the estimation of post-test, the average post-test score was 82.667, while the pre-test average was 52.000.

Keywords: Seamless Learning, Vocabulary Mastery.

Introduction

Vocabulary is one of the word expressions which should be learnt. Vocabulary is crucial because we are able to talk, distance, and listening get to learn vocabulary first. Lack of encouragement and most learning systems in English vocabulary also makes it difficult for students to understand and master English vocabulary(Wu, 2018). As a result, to help students learn English vocabulary in an ever-evolving period, teachers need to update their time and adapt it to their teaching. Mobile and Internet technologies help formal and informal study processes; individual and social; and physical and virtual learning environments (Wong & Looi, 2011), which are conducive to “boundless research-based science learning” or “boundless scientific research”(Song & Kong, 2014). In this sense, educators support a paradigm change from teaching-centred teaching to instruction-centered learning. The latter approach helps learners to develop skills in the 21st century through daily learning. Twenty-first-century skills include a wide variety of general skills required to overcome the daily challenges of the twenty-first century, including analysis skills, critical thinking skills, communication skills and teamwork skills (Kong & Song, 2013). Good quality self-study will lead to heated communication, debate and improved problem-solving skills(Yarbrough, 2018)(Hwang et al., 2015). Good quality self-study will lead to heated communication, debate and improved problem-solving skills. As a result, in the reverse classroom process, students behave as Productive learners and use expert assistance to explain relevant concepts(Masriadi, 2019). The use of this method is beneficial at this time for students to learn, particularly now that the corona virus has not yet been resolved. School teachers should create meaningful Learning experiences intended to help students understand fluently and quickly in particular, to link what they have learned in school with What they’ve got encountered in their everyday lives. Some of the benefits of using a seamless approach include: 1) students can study classes and time without limits 2) students can study at any time, and anywhere 3) integrated learning between formal and non-formal education(Hamid et al., 2019).

Literature Review

Seamless learning is described as a continuous learning experience in a variety of contexts(Chan et al., 2006). It aims to enhance students’ awareness by extending their room from home and school to their everyday activities lives(Song, 2018). Seamless learning allows continuous learning experience in a number of settings, such as school or home(Milrad et al., 2013), while seamless learning is spread through various environments (Toh et al., 2013). Seamless learning is seamless networking, where learning takes place anywhere and at any time (Safiah et al., 2020). Seamless learning refers to the seamless integration of the learning environment in several dimensions, including formal and informal learning contexts, individual and social learning, and the physical and virtual world (Toh et al., 2013) through various processes and spaces. Study (inside or outside the classroom). Combines the two learning models and combines the two, optimising the benefits of each environment. This helps improve learning tasks that can be accessed by students through structured and interactive learning (L. H. Wong & Looi, 2011). Thus, learning that utilities seamless learning can assist students in completing assignments, and learning experiences in an informal environment which has an impact on overall student achievement (L.-H. Wong, 2013) Thus formal and informal learning complement each other in achieving learning objectives. It also underlines the need to design activities both inside and outside the classroom. In addition, it allows students to apply the skills they have

gained in school to daily life. The seamless learning model is continuously applied both in terms of time, location and meaning. In order to realize the learning process, it is important to design seamless learning in accordance with the Islamic economic system. The reason why it is necessary to use seamless learning is that in order to help students understand the vocabulary that is blocked by structures and spaces, the approach will “sew” two different dividers.

Vocabulary is the cumulative number of words that students have learned in order to create a language of communication (Kholis & Aziz, 2020). The role of vocabulary in foreign language learning cannot be ignored. A rich vocabulary can help students learn English and their four fundamental skills, which involves listening, speaking, reading and writing. The value has been demonstrated by Thanh Huyen & Thi Thu Nga (Rohani¹ & Pourgharib, 2013) who describe vocabulary as a language aspect combining four language skills, like listening, speaking, reading and writing while studying a foreign language. In addition, (Hornby et al., 1963) it defines vocabulary in 3 directions, which includes (a) the total number of terms that make up the language; (b) any word that a person knows or uses in books, subjects, etc. (c) a list of words having their meaning (Renandya & Richards, 2002). The value of vocabulary has been noted, stating that vocabulary plays an important role in the learning of foreign languages, and that language skills can influence how well learners speak, listen, read and write. (Utami, 2014), however, underlines the value of vocabulary for communication by asserting that in fact, communication at the survival level can take place very intelligently when people simply put words together-without applying any rules of grammar. It was once. In this sense, vocabulary is considered to be one of the key factors that offer a lot of power to people’s communication (Ikhlas, 2019). Vocabulary should therefore be an integral aspect of language learning, and a great deal of focus should be placed on putting it into effect.

METHODS

In this exploration, the scientist used quantitative analysis that implemented a pre-test plan with one pre-test and post-test structure and non-randomized. (Suen & Ary, 1983) argues that experimental research is the only discovery approach that can really evaluate the theory of cause and effect relationships. This research design would like to address classroom problems related to learning the language of instruction. The pre-test was offered to the under-study prior to treatment. The post-test was given to the post-treatment undergraduates to find out the motivation of students and the skills of students in writing descriptive texts. The design suggests that the instructor gave them a pre-test before using seamless and then gave them a post-test after promoting the everyday use of seamless.

Population and sampling. This subject of this exploration is the first grade of Mts Darussalam Gapluk Purwosari Bojonegoro that consist of 30 students. Data collection. In this study, researchers used a questionnaire and pre-test and post-test. The researcher made 15 statement items related to unlimited learning in vocabulary mastery. Researchers also collected information Pre-test and post-test ratings. Specialists give a pre-test before the learning process and provide a post-test after the learning procedure is complete.

Data analysis technique. After collecting the information from the questionnaire and the pre-test and post-test scores, the researcher analyzed the information. The researcher used a quantitative analysis approach using a statistical method. This technique is used to consider the extraordinary distinction in vocabulary abilities of students before and after

smooth learning. The researcher used the application of IBM SPSS Statistics for windows to analyze data. In the analysis of the results, the researcher checked the normality before measuring the t-test to assess the distribution of the test is normal.

RESULT

This section presents the subtleties of the inquiry and the details obtained during the information analysis process. Look at the mastery of vocabulary before and after using seamless learning by using a t-test. Before the t-test was computed, the analyst tried the normality of the details.

Pre-test that given to the students before applying seamless learning on vocabulary mastery. The result of the students' score in the pre-test can be seen Table 1.

Table 1. The Students' Score in Pre-Test

	N	Minimum	Maximum	Mean	Std. Deviation
PRETEST	30	40,00	70,00	52,0000	8,46901
Valid N (listwise)	30				

Post-test that given to the students after applying seamless learning. The post-test is done to know about the final score and the differences before and after applying Cooperative-project based online learning. The result of the students' score in Post-Test can be seen Table 2.

Table 2. The Students' Score in Post-Test

	N	Minimum	Maximum	Mean	Std. Deviation
POSTTEST	30	70,00	90,00	82,6667	6,91492
Valid N (listwise)	30				

Final Inquiry. In this study, the researcher used T-Test as a tool to analyze and detect differences between pre-test and post-test.

Table 3. Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 PRETEST	52,0000	30	8,46901	1,54622
POSTTEST	82,6667	30	6,91492	1,26249

The results of the pre-test and post-test speaking scores are shown in the table to react to the purpose of this report. Referring to Table 1, 30 students participated in this study. The results show that the student’s average pre-test score is 52,000, and the average post-test score is 82.667. As shown in Table 1, the results of the statistical analysis show that there are significant differences between pre-and post-test scores. The findings support the hypothesis that “the effect of seamless learning on vocabulary mastery.”

Table 4. Paired Differences

		Paired Differences				T	df	Sig. (2-tailed)	
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower				Upper
Pair 1	PRETEST- POSTTEST	-30,66667	10,14833	1,85282	-34,45611	-26,87722	-16,551	29	,000

From the table, the value to be considered (Sig. 2 tailed) is 0.000, the value <0.05, then the critical value and the value obtained is -16,551 at the essential level of 0.05 and the level of opportunity 34. This indicates there is something to be considered in seamless learning. (Field, 2004)explains, “If the value is less than 0,05, the mean of the two conditions is substantially different.”

DISCUSSION

With regard to research conducted in the first grade of MTs Darussalam Gapluk Purwosari Bojonegoro, it is considered that there is a major difference between student vocabulary mastery taught using seamless learning and those taught not using seamless learning. Based on the findings of the post-test estimate, the average post-test score was 82.6667, while the pre-test average was 52000. This means that the post-test average score is higher than the pre-test. Researchers have found that there was a major impact of smooth learning on vocabulary mastery. This can be seen from the test hypothesis that indicates the existence of Sig. (2 tailed) 0.000 lower than the 0.05 degree of importance. This means that Ha is welcomed while Ho is denied.

CONCLUSION

Based on the results of the research and discussion mentioned, it can be concluded that there are differences in vocabulary learning among students. It appears to be shown that the significant value (Sig. 2 tailed) is 0.000, the value is <0.05, so it is significant. As can be clearly seen from the post-test results, most students are more advanced in their learning process—proven evidence in the table indicating good outcomes. The findings have shown that seamless learning can enhance learning outcomes. This is consistent with the findings of research conducted by (Song & Kong, 2014)which show that learning experiences using seamless learning can improve learning outcomes. Furthermore,

seamless learning is also successful in enhancing field observation efficiency (Hung et al., 2013). There is a consistency of learning experiences in different situations or environments of smooth learning. Seamless learning architecture tends to affect awareness of the student's overall progress (L.-H. Wong, 2013). Informal learning allows the group to assist in the teaching of digital social skills of students. When in social interaction, students appear to gain a deeper understanding of the concepts taught (Alcántara, 2014). Interviews with students and the community on the benefits of using mobile/cellular technologies were performed in the design of informal learning (L.-H. Wong, 2013). Cell phones are designed to meet the needs of users and across formal and informal boundaries (Impedovo, 2011). There are many benefits associated with the use of mobile devices, such as portability, timeliness, independence and encouragement to learn (Zakaria et al., 2019). There are two features of cellular learning, namely: 1) the ability to take place in a mobile environment and 2) the ability to recreate student learning skills (L.-H. Wong, 2013).

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