THE USE OF LIVEWORKSHEETS (LWS) FOR VOCABULARY LEARNING

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Abstract : In Indonesia, English is considered the first foreign language taught from high school to university. Vocabulary is very important to students, which is why researchers want to know about techniques that can be used to increase students' vocabulary. This study deals with vocabulary teaching techniques and aims to find out if using Liveworksheets can improve English vocabulary of 7th grade students at SMP Negri 5 Tondano school. This study is a quantitative study through pre-experimental design with group pre-test and post-test design with 11 students. The results of this study indicate that students' English vocabulary increased significantly after using Liveworksheets in vocabulary lessons. This is evidenced by the average score of the test before and after the test, i.e., 3.54 before the test and 8.0 after the test. This means that Liveworksheets are effective in increasing the English vocabulary of students from grade VII to SMP Negeri 5 Tondano. Live spreadsheets are easy to use, can be viewed for free via the web, used anytime, anywhere, have the effect of motivating students to learn and are a new teaching method. Use a laptop or smartphone to access Liveworksheets. And new learning techniques can focus students' attention on learning.

INTRODUCTION

From high school on through college, students in Indonesia are exposed to the English language first and foremost. According to Widya et al. (2018), pupils should be exposed to language instruction from a young age. Science, technology, the arts, and cross-cultural communication all include it as a required course of study. In addition, Maru (2009) notes that "English clearly plays an essential role in worldwide communication and the transfer of information and technology." There are so many learning media that understudies can use to help information and language authority (Maru, et al, 2022); Aminatun and Oktaviani, 2019; Sari, 2020; Putri and Sari, 2020) like printed books, pamphlets, modules, leaflets, Disc, interactive media, recordings, web (Sari, 2016), and so on. One of the ways that students can improve their language proficiency is through the use of printed books. Proven by research

directed in 1992 demonstrates that understudies can all the more likely comprehend data from printed books that are more than one-page long. Pustika (2018) contends that through the movement of perusing, understudies will actually want to change themselves into long life students in light of the fact that their insight is continuously being modernized and further developed each time they read the texts. According to Sasalia & Sari (2020), teachers can also greatly benefit from printed books for the delivery of content. In the present advanced period, we can't figure out how to utilize books, there are numerous ways or media that we can use to expand our information on our language like web-based stage and interactive media game Oktaviani and Desiarti, (2021). Furthermore, video blog is one of medium used to work on understudies' grasping in learning English (Mandasari, and

Aminatun, 2019). The presence of printed and online stage can be utilized to instruct understudies by utilizing flipped study hall learning model (Mandasari and Wahyudin, 2021). Hence, it means a lot to dominate the most effective method to improve both printed and online media in learning English as a work to accomplish the objective language.

In this time, a greater part of society, even children, can involve innovation throughout everyday life (Pustika, 2020). An online entertainment is the media most frequently utilized by people not exclusively to share data yet in addition to expand our insight (Ayu, 2020). In instructive setting, using innovation can assist understudies with working on their scholastic execution (Mandasari, 2020). As per Howard and Parks (2012), Virtual entertainment is media that comprises of three sections, in particular: Data foundation and apparatuses used to deliver and appropriate media content, Media content can bepersonal messages, news, thoughts, and items. Culture that is computerized, then the people who produce and consume media content in advanced structure are people, associations and enterprises. Then, at that point, with the advancement of severe authority of web material, it is a mark of understudies' capacity to be more imaginative in communicating their thoughts. Nonetheless, we actually must be cautious while utilizing virtual entertainment, we need to continue separating the different existing data, lestwe become survivors of misleading data or Trick.

Toys and movies for kids nowadays tend to be written and spoken in English. Therefore, it's important for kids to learn English just as much as it is for adults. The four linguistic abilities of hearing, speaking, reading, and writing are essential for students learning English as a second or foreign language. However, fluency in the four linguistic abilities presupposes extensive knowledge of the English lexicon. Students may acquire these abilities by learning and using a wide range of words. In other words, the four linguistic abilities are inextricably intertwined with the English lexicon. Learning new words is the cornerstone of every language learning endeavor (Afzal, 2019).

The lexicon you select to precise yourself is vital. When collaboration with others or showing our considerations, we ought to utilize suitable dialect. The taking after conversation will present numerous different vocabulary definitions. Learning lexicon could be a exceptionally critical calculate in learning English. It has a place to the major component in learning a outside dialect (Ambarwati & Mandasari, 2020).The teacher's part in instructing lexicon is indistinguishable from innovative advancement. The advancement of energetic innovation, and the character ofstudents who like things that are advanced, Instagram presents a fun elective and draws in students' intrigued in learning vocabulary since is additionally bolstered by picture that can trigger understudies to memorize and know more approximately English (Pratiwi & Ayu, 2020). Lexicon is the essential dialect angle that must be aced some time recently acing English aptitudes. There are a few definitions of lexicon by a few specialists. Agreeing Hornby (2006: 1645) Lexicon is all the words that a individual knows or employments and it is all the words in a specific dialect. Concurring to Richards (2002), lexicon is the center component of dialect capability and provides much of the premise for how well learners talk, tune in, studied, and write. So from the clarifications of a few of these specialists, lexicon could be a exceptionally critical component for us to ace when we need to memorize English, from that lexicon can make it simpler for us to ace a few aptitudes in English, to be specific talking, tuning in, perusing and composing (Ayu & Zuraida, 2020). Not as it were is lexicon imperative in learning English, listening is

additionally vital to be able dialect educating learning to simpler. The significance of tuning in is acknowledged by Brown (2001:247) who expressed that "Listening is the major component in dialect learning and educating since within the classroom learners do more tuning in than speaking." It implies that, tuning in is the vital thing in every day exercises, through tuning in ready to decipher the meaning. Now and then tuning in to a discussion or observing a TV program without having to perused the subtitles underneath it'll certainly improve a wonderful seeing encounter instead of centering on the Indonesia content recorded underneath on the TV appear or film.

Andries et al. (2019) state that an individual's vocabulary is the most important factor in their ability to communicate and construct sentences. Vocabulary, as defined by Pangaila, Mauntuuntu, and Rombepajung (2021), is the set of words in a language that a person knows and uses to communicate their thoughts and feelings. One possible interpretation of this is that language is a crucial tool for effective communication. This also demonstrates that vocabulary is the fundamental building block of linguistic proficiency.

Learning vocabulary would improve one's ability to read, listen, talk, and write, claim Pangaila, Mauntuuntu, and Rombepajung (2021). That's why it's so important to study words; without it, we can't express ourselves to others. Furthermore, Sari & Aminatun (2021) indicate that if kids don't have enough words in their words, they would have problems comprehending their understanding and creating. Keeping in mind that we must constantly interact with others, acquiring a large vocabulary is crucial.The writer is interested in discovering strategies or material that may be utilized to help pupils expand their vocabulary. Furthermore, the author discovered that certain pupils at SMP

Negeri 5 Tondano lacked an adequate vocabulary and struggled to acquire all four language skills (listening, speaking, reading, and writing). Maru et al. 2022 state that educators need to be imaginative when selecting teaching strategies and material that work with modern classroom tools. Based on the claims made above, it seems that Liveworksheets were employed as a teaching tool or medium in this investigation. As stated by Maru, et al (2021), "the application of modern methods in completing all assignments is preferred in almost all sectors of modern life compared to traditional methods due to rapid technological advances," making liveworksheets a special draw for work because they make working easier for students to work on remembering they are already using smartphones applying modern methods. Liveworksheets are beneficial for students since they are interactive and help pique students' interest in learning, as stated by Sulistiani, et al (2023). Therefore, the writer chose a topic entitled The Use of Liveworksheets for Vocabulary. This study was designed to investigate the effectiveness of Liveworksheets in teaching vocabulary towards the junior high school students. This research is expected to contribute to the field of English language teaching and learning, especially in teaching and learning vocabylary.

RESEARCH METHODOLOGY

This study is a quantitative exploration using a pre-experimental design with a before-and-after test administered to the same group. Students are given a test called a pre-test before they get any kind of treatment. The kids are then subjected to a post-test after they have received their treatment. Teachers may help their students learn more effectively by using various methods; the author here favors the usage of Liveworksheets.

Arikunto (2010) provides evidence for this theory: The researchers first provide the treatment to the treatment group, then

give them the pre-test. After finishing up with treatment, the author gives a final exam. The plan is shown in the following diagrams:

Table 1. Representations of The Design

Pre-test	Treatment	Post-test
T1	X	T2

Where:

T_1 = Test before the treatment (*pretest)*

X = Treatment using liveworksheets

T_2 = Test after treatment (*posttest*)

The author selected seventh-graders from SMP 5 Tondano as the population of the study because they best fit the quotation. The author used a single class of 11 as the sample of this study. The steps for collecting data are as follows:

1. Pick a random section.
2. Putting together a curriculum and lesson plan to be used in a classroom setting.
3. Before teaching the content, have the students take a practice exam.
4. Examine the information collected from the preliminary test and draw conclusions.
5. Treatment
6. Providing the follow-up exam. There are a total of 20 questions that students must answer.
7. Sort everything out in accordance with what you've learned.
8. Quantitative research analysis employing a pre-experimental design with a pre- and post-test for a single group.
9. Conclude.

In the analysis of the data, the writer used the mean score formula by Sudjana (1996:67):

$$\bar{X}(mean\ score) = \frac{\sum X\ (Total\ Score)}{N\ (Total\ Students)}$$

FINDINGS AND DISCUSSION

Scientists employed pre- and post-testing to get their conclusions. The data was gathered over the course of four sessions, with each session culminating in a written exam for the students. Before introducing Liveworksheets, we provide a 20-question pre-test to gauge students' current level of mastery (Objects in the school). Liveworksheets are used to teach pupils not just the meaning of words but also how to read them, pronounce them properly, write them, and utilize them in context. The pre-test is administered before implementing Liveworksheets, and the post-test is administered thereafter (objects in the school).

Eleven students made up the sample for this quantitative investigation. Data about the school's students was gathered from these. Table 2 provides the relevant information below.

Table 2. The scores of the students in the pretest and post-test

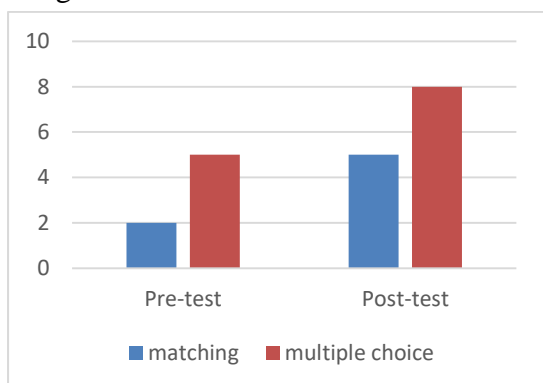| NO	Pretest Scores (T1)	Post-test Scores (T2)
1	4	7
2	2	7
3	4	9
4	3	7
5	3	9
6	5	9
7	3	8
8	3	7
9	5	9
10	3	8
11	4	8

As can be seen in Table 2, eleven students participated in the exam and their scores improved either immediately or significantly after receiving treatment.
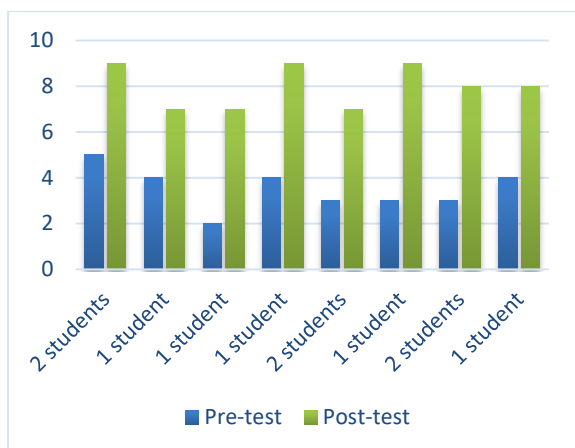
Figure 1. Increasing Students Scores Pre-test and Post-test

Two students scored a perfect 10 on the pre- and post-tests, one student scored a perfect 4 on the pre-test and a perfect 7 on the post-test, another student scored a perfect 2 on the pre-test and a perfect 7 on the post-test, another student scored a perfect 4 on the pre-test and a perfect 9 on the post-test, two students scored a perfect 3 on the pre-test and a perfect 7 on the post-test, and yet another student That is, to raise post-test scores above those of the predecessor.

The following chart shows students' progress on three different sorts of assignments:

Figure 2. The highest score achieved by students in Pre-test and Post test

There has been a rise in the use of matching, multiple choice, and fill in the blank questions in data collecting. It is clear that pupils performed poorly on the pretest, answering correctly just 2 out of 5 matching questions and 5 out of 10 multiple-choice questions. On the other hand, there was an improvement on the Post-test, with some students answering 5 out of 5 matching questions correctly, 8 out of 10 multiple-choice questions correctly, and 4 out of 5 fill-in-the-blank questions correctly.

Frequency Distribution

Below is a table depicting the distribution of pre-test scores.

Table 3. The Frequency Distribution of Pretest Scores (T1)

Score T1	Tally	Frequency (F)	Frequency %	Cumulative Proportion	Cumulative percentage %
5	II	2	18,.8	11	100
4	III	3	27.33	9	82
3	IIIII	5	45.83	6	55
2	I	1	8.66	1	9

Two (18.18%) students scored a 5, three (27.33) students scored a 4, five (45.83%) students scored a 3, and one (8.66%) student scored a 2. These results may be seen in the table above. According to these numbers, the best possible score is 5, and the worst possible score is 2.

Table 4. The Frequency Distribution of Post-test Scores (T2)

Score T1	Tally	Frequency (F)	Frequency %	Cumulative Proportion	Cumulative percentage %
9	IIII	4	36.36	11	100
8	III	3	27.42	7	64
7	IIII	4	36.22	4	37

There were four students who scored a 9, three who scored an 8, and four who scored a 7 on the post-test, as shown in the table above. According to these numbers, 9 is the best possible score and 7 is the worst. One student scored a 2, five students scored 4, and two students scored a 5 on the pre-test, as seen in the two tables above comparing the pre- and post-

test results. Post-test results showed that four students earned a 7, three students scored 8, and four students scored a 9.

Calculation of the mean of T1 and T2.

Table 5. Results of Sum and Sum Square Calculation

No Students	Pre-test (T1)	$T1^2$	Post-test (T2)	$T2^2$
1	4	16	7	49
2	2	4	7	49
3	4	16	9	81
4	3	9	7	49
5	3	9	9	81
6	5	25	9	81
7	3	9	8	64
8	3	9	7	49
9	5	25	9	81
10	3	9	8	64
11	4	16	8	64
Total	39	147	88	712

Thus, the mean of the pretest ($\bar{X}$):

$$\bar{X} = \frac{Score\ Total}{Sample}$$

$$\bar{X} = \frac{39}{11} = 3.54$$

The mean of the post-test ($\bar{X}$):

$$\bar{X} = \frac{Score\ Total}{sample}$$

$$\bar{X} = \frac{88}{11} = 8.0$$

The average score on the pre- and post-tests, respectively, are 3.54 and 8.0. Therefore, after utilizing Liveworksheets, students demonstrate a gain in vocabulary knowledge (as seen by an average post-test score higher than the pre-test score).

Discussion

Liveworksheets were shown to be an excellent tool for expanding students' vocabularies at SMP Negeri 5 Tondano. The student's performance on the pre- and post-tests indicates that the student's overall performance has improved from 3.54 to 8.0. The media used in this study proves that liveworksheets are very significant due to the technology used in this study. Technology allows teachers provide multimedia to address diverse learning styles, such as animation, live video, etc. Besides, Teacher can create online courses where students can learn in their own space and at their own pace. The benefits of using liveworksheets, among other things, teachers can create their own worksheets and upload in liveworksheet.com and they will be converted into images then do some steps to make them into interactive liveworksheets. After that copy the given links, then distribute them to students.

This research agrees with that of a prior study by Avalos from the year 2022. Avalos stressed the useful role that liveworksheets may play in expanding students' vocabularies. Liveworksheets, as stated by Alvioniyati and Pujosusanto (2022), has been shown to increase student motivation because of its ease of use and portability. The results suggest that exposing pupils to liveworksheets might help them acquire a larger vocabulary. The use of liveworksheets was shown to improve students' performance, according to the study's authors. The results of the exam demonstrate this point.

Liveworksheets were shown to facilitate student acquisition and retention of new vocabulary, according to the study's authors. Teaching English in the middle school years, particularly vocabulary, via the use of liveworksheets may be an easy and efficient method.

Liveworksheets is a helpful instrument for making intelligent activities for understudies. It is simple forteachers to utilize and can make learning more tomfoolery and agreeable. Given the various optionsavailable, be that as it may,

educators need to painstakingly choose the most suitable activity design required foreach learning movement. Liveworksheet is one of the showing materials used to improve learning exercises. Alongside the improvement of innovation, Liveworksheet is developing which was a printed teachingmaterial that currently can be introduced in electronic media. Showing the materials as well as showing an intelligent picture, games and video which initially can draw to understudies' advantage in learning English and next can work on understudies' comprehension.

Effectiveness, as defined by Wahyuni (2021), includes all outcomes associated with a process's successful completion. The authors believe that Liveworksheets may increase students' vocabulary based on the aforementioned description and the findings of this research. Therefore, liveworksheets are useful for teaching pupils the English language.

In this period, innovation is exceptionally imperative to us. Through innovation, human creatures get a parcel of data effectively and successfully. Other than, numerous instructive instruments are made strides through innovation, one of them is electronic works out specifically Liveworksheet. Liveworksheets may be a apparatus that permits instructors to form intelligently worksheets for their understudies. Liveworksheets may be a valuable instrument for making intelligently works out for understudies. It is simple for teachers to use and can make learning more fun and agreeable. Given the numerous distinctive alternatives accessible, in any case, instructors have to be carefully select the foremost suitable work out arrange required for each learning action.

CONCLUSION

The findings and discussion presented in Chapter IV demonstrate that the seventh graders at SMP Negeri 5 Tondano may increase their English vocabulary knowledge via the use of Liveworksheets. The results of this investigation demonstrated a statistically significant improvement between the two tests. The average score before and after the exam is 3,54 and 8.0 respectively. The results of this study demonstrate that using Liveworksheets may help students expand their English vocabulary.

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