

## **Effectiveness of Wizer.me in Developing Electronic Learning Materials: A Study with English Teacher**

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### **Abstract**

The primary objective of this research is to investigate out teachers' responses to the ease of use and flexibility of Wizer.me in compiling LKPD. Then analyze the perceptions of students' learning outcomes in using Interactive Student Worksheets (LKPD) with the wizer.me application on English learning materials. In this research, a qualitative approach was employed, utilizing a case study method. The research was conducted at SMP Negeri 30 Makassar, involving one teacher and five students 8<sup>th</sup> grade as informants. Data were collected through interviews recorded using Voice Note on WhatsApp, a voice recorder, and picture documentation. The researchers gave six questions for both students and teachers to gather in-depth insights. The results of this study show that Wizer.me is a highly beneficial tool for both teachers and students in the context of English language education. The research findings highlight several key advantages: Easy to use, versatility, Resources accessibility, multimedia integration, and efficiency. Therefore Wizer.me proves to be an effective tool to make interactive worksheet (LKPD) in English language education, offering ease of use, flexibility, and enhanced learning experiences. The study suggests that Wizer.me's benefits extend beyond English, making it suitable for subjects like Mathematics, Science, and Social Sciences. Future researchers should consider exploring its application in these areas to further validate its effectiveness and versatility in education.

### **Keywords**

E-LKPD, English Language Teacher, Teacher-Students Perceptions, Wizer.me

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## **INTRODUCTION**

The digital era has brought major advances in communication technology and information processing. The internet, mobile devices, cloud computing, and social networking have all become integral parts of everyday life. Rapid technological progress has had a significant impact on all aspects of human life Banafaa et al, (2023); Ma & Cui, (2020); Rahmatullah, (2022); Setyowati et al., (2021). Achmad (2023) Also said that technology helps humans in many ways, such as by assisting in carrying out buying and selling transactions, searching for information or news, and communicating remotely. Apart from that, “advances in digital technology are also beneficial in various fields such as advertising, television, transportation, communications, media, and especially education (Rizvandi and Kiani, 2020).

Currently, technology has facilitated education with interactive innovation and convenience. Therefore, the development of digital technology in the world of education will certainly have a direct influence on students, teachers, and all stakeholders in schools (Iivari et al., 2020). Besides that, technological developments allow the “development of interactive and visual-based learning conten Motwani & Tilak, (2021); Pertiwi et al, (2023). Support by Concesal, (2024) he said that to make learning English more engaging, several media can be employed, including handwritten materials like chalkboards, markers, and pencils, as well as internet-based and audio-visual resources. This helps teachers design questions practically and easily. Of course, the learning process in the classroom is also something that will have a direct influence on the very rapid development of digital technology. Thus, a teacher as a facilitator must continue to innovate in utilizing digital technology to design creative learning to achieve students who are active, think critically, and are technologically savvy (Bonfield et al., 2020 and Hamedoğlu, 2019).

It is generally known that student worksheets (LKPD), or what are known as worksheets that have been used by teachers, are usually found in textbooks or student workbooks that have been printed and have not been touched by technology. It can be said that printed LKPD is not yet effective as a learning tool because there are still weaknesses in terms of appearance, content, and practicality. This is in the same direction as (Pamungkas & Fitriyani, 2023) who state that the use of printed LKPD in online learning is less effective. Therefore, efforts are being made to optimize both appearance, content, and quality by transforming it into information and communication technology. This transformation can make printed LKPD interactive so that the subject matter content is more lively, interesting, and in-depth, and of course, it can increase students' innovation and creativity (Herawati, Gulo, & Hartono, 2016). Interactive LKPD consists of computer-based material and practice questions. LKPD, or worksheets, are said to be interactive if there is feedback between the user and the media. Interactive LKPD has a different output from printed LKPD. Interactive LKPD can be equipped with pictures, videos, and other animations to strengthen students' understanding of the material presented.

Especially in terms of teaching English, the majority of students have formally studied English since elementary school level. Moreover, Zarimah, (2024) on her research said that in the world of education, English language skills are usually considered important for accessing wider knowledge and opportunities". However, there are still many students who lack motivation to study, for example, by doing worksheets. In line with Suryaningsih et al (2021) teacher-centered learning causes low critical thinking abilities in students," Apart from that, learning resources are still in the form of books and student worksheets; this means that students' critical thinking skills in solving problems are still not properly stimulated". Another problem is that the teaching materials used in schools are generally still conventional, such as LKPD and printed books. This is an indication of a lack of learning resources, teaching materials, and learning media. Apart from being lacking, the teaching materials used are not yet effective and efficient. Printed teaching materials themselves are not optimal when used in online learning, while "online teaching materials such as E-LKPD are still rarely used"(Motwani & Tilak, 2021). Furthermore, E-LKPD is also needed in the context of offline learning, as stated in research (Ayu, 2020) Some students find it difficult to carry textbooks, especially if there are several subjects in one day". Therefore, it is very important that students and teachers have interactive and innovative teaching materials. This will make it easier for both parties in the learning process.

Moreover, E-LKPD is an interactive digital form of LKPD, which is more effective and efficient in terms of how to access it (Sianipar et al., 2023). E-LKPD is a tool that can support students' independent learning activities at home and can be accessed via laptop or gadget, making it easier for users and adaptable to the current learning system. In the teaching and learning process, LKPD is packaged in an attractive form and can be used interactively so that students can understand the material being taught easily and quickly. Interactive worksheets are created so that there is still interaction between the teacher and students when working on the worksheets and to train students to think critically. Therefore, in order to achieve maximum learning outcomes, educators need to use interactive and innovative worksheets. (Sitanggang et al, 2023). Furthermore this digital era, there is a need to explore how technology can be integrated with manual LKPD to increase its effectiveness. Relying on manual LKPD alone is usually limited in terms of variations in content presentation. For example, the use of images, diagrams, or other visual media is limited by space and printing capabilities, so they may not always convey the material in the most effective way.

Therefore, the urgency of this research lies in the need to adapt to technological advances, cater for diverse learning styles, address the shift to online learning, optimize knowledge transfer, contribute to continuous improvement in education, and prepare students to face the challenges of the world of the future. The use of teaching resource books assisted by Wizer.me in learning English at SMP 30 Makassar is expected to provide several benefits. It is hoped that this teaching material can improve student learning outcomes in these subjects. Therefore, it is hoped that this research can provide

input for creating a set of alternative teaching materials for teachers who teach English, offering valuable support for students who want to improve their understanding of the topic. In addition, this research is designed to be a valuable resource for students, contributing to their training and enhancing their experience, insight and skills, particularly in the context of teaching materials. Based on this description, to find out the effectiveness of Wizer.me in the learning process, researchers will conduct interviews regarding teachers' responses to the ease of use and flexibility of Wizer.me in compiling LKPD. Then analyze the perception of student learning outcomes when using Interactive Student Worksheets (LKPD) with the wizer.me application on English learning materials at SMP 30 Makassar.

## **LITERATURE REVIEW**

Sari, (2023) on her research aims to overcome the challenges of changes in student admission regulations at SMP Negeri 54 Palembang, where test scores or report cards are no longer the main criteria. Using a modified model from Gall, Gall & Borg, and Tessmer, this research analyzes the needs of seventh grade students, including their learning intentions, profiles, and readiness. Curriculum changes that rely on textbooks require additional worksheets, which are designed using the Canva application on the Wizer.me platform. Expert validation showed a high level of agreement for the substance of the material (97.3%, average score 4.86), language (86%, average score 4.3), and presentation of the material (90%, average score 4.5), confirms the validity of the LKS developed. Small group evaluation assesses the practicality and reliability of worksheets for descriptive text material with differentiated learning. As a result, the electronic worksheets implemented through Wizer.me are valid, practical and reliable for use in education. This study successfully addressed the challenge of student enrollment by introducing differentiated and effective learning materials, meeting the diverse needs of seventh grade students”.

Sitanggang et al (2023) this research aims to determine the feasibility of wizer.me in compiling interactive E-LKPD short story text material for class XI SMA. This research uses the ADDIE (Analysis, Design, Development, Implementation and Evaluation) development model. The e-LKPD feasibility test is based on the results of material expert validator assessments, media expert validator assessments, Indonesian language teacher assessments, and student responses. The assessment results obtained from material expert validation show that the E-LKPD has the status "fit for use without revision" with an average score of 95% and criteria of "very good". So from the results of the research conducted it can be concluded that the interactive E-LKPD short story text material based on the Wizer.me website for class XI SMA short stories is very good and suitable for use.

Simanjuntak et al, (2022) this research aims to examine the effectiveness of Wizer.me in stimulating students' motivation to write descriptive texts. This research found that some students experienced difficulties in writing due to problems with grammar, content, vocabulary, and mechanics, which resulted in decreased interest and

boredom during learning. This research uses a qualitative descriptive approach with data sources from class X students at HKBP Doloksanggul Private High School. Data collection instruments include telephone handsets, writing tools, worksheets, as well as written tests and interviews. Then data analysis is carried out through four steps: data collection, data condensation, data presentation, and drawing conclusions. The research results show that using Wizer.me improves students' ability to write descriptive text in several aspects, such as content correlation, organizational coherence, grammar, vocabulary, and mechanics of spelling and punctuation. Apart from that, Wizer.me also increases students' motivation and willingness to write and creates a more conducive classroom atmosphere.

## **RESEARCH METHOD**

In this study, the researcher used a qualitative approach. The approach used by the researcher regarding the procedure and its implementation according to the stages of research commonly used in qualitative research. The method used in this research is a case study. Then Creswell (2014: 135) added that case study research is a qualitative technique in which researchers investigate real life, current limited systems (cases) or various limited systems (different examples) through detailed and in-depth data collection that combines various sources of information (e.g. observations, interviews, video recordings, and various reports), as well as case descriptions and case reports Almaidita et al (2021). The results of this research will be a descriptive analysis in the form of written or spoken words from the observed behavior, especially regarding teachers' responses to the ease of use and flexibility of Wizer.me in compiling LKPD. Then analyze the perception of student learning outcomes when using Interactive Student Worksheets (LKPD) with the wizer.me application on English learning materials at SMP 30 Makassar

Next this research was carried out at SMP Negeri 30 Makassar, with informants focusing on 1 teacher and 5 students. Next, in the instrument section, the researcher has determined several questions related to the research. Researcher give 6 question numbers for students and 6 question numbers for teachers. Then for collected data by recording the interview process using Voice Note on WhatsApp, a voice recorder, and picture documentation.

## **FINDINGS AND DISCUSSION**

In this chapter, the researcher presents his research findings. Data was taken from documentation and interviews. In the documentation section, there is evidence of the use of Wisermi LKPD by students at SMP Negeri 30 Makassar. After that, to answer the research questions, the researcher conducted interviews with five students and an English teacher at SMP Negeri 30 Makassar. In this section, the researcher has determined several questions related to the research. Apart from that, the interview process showed varied answers from the participants. Researchers collected data by

recording the interview process using WhatsApp Voice Note. The following is data from teacher and student interviews.

a. Teacher responses to the ease of use and flexibility of Wizer.me in compiling LKPD

Next, in this section, the researcher conducted interviews to find out in depth about teachers' responses to the ease of use and flexibility of wizer.me in compiling LKPD and then analyzed perceptions of student learning outcomes in using Interactive Student Worksheets (LKPD) with the wizer.me application in English learning materials. The following is a transcript of the results of interviews with respondents, namely English teachers:

**Table 1. Matrix of Interview Teacher Response**

No	Respondent	Response
1	ET(English Teacher)	<ol style="list-style-type: none"><li>1. Very helpful, ma'am, of course because I feel that when I use Wizermi, it not only makes it easier for me to make LKPD but also what I can get, but there are also interesting features in the Wizer.me application so that students are taught to be interested and enthusiastic in doing it. LKPD that I gave.</li><li>2. In my opinion, the effectiveness of the Wizer.me application is very effective, not only does it affect students, of course, but it also influences me as an educator, where it makes it very easy for me to process data on my students' grades.</li><li>3. That's right ma'am, according to my experience while using this application students become motivated to learn English of course in doing the LKPD assignments that I give them.</li></ol>

Based on the teacher's response above, it can be seen the teacher's answer regarding using wizer.me to create LKPD. So the application that is more interesting and really helps them in designing interactive LKPD in online and offline learning is wizer.me. The wizer.me website is attractive with various features such as features community, worksheet, create new worksheets, learners, and coffee room.

Hamidah & Sadikin, (2024) on their study's findings show that teachers' ability to build and implement interactive learning environments based on wizer.me is improving. In line with Indraswati et al (2023) stated that LKPD or interactive worksheets are created with software that has various features. She also said that Wizer.me is a website can be accessed for free to test teachers' experience and creativity because it offers

quick creation of LKPD with various types of questions such as open questions, multiple choice, matching pairs, fill in the blank, fill on an image and tables.

Next, Simamora (2022) on her research stated that wizer.me provides a variety of question features that can be used according to teachers' needs and can create questions like the National Analysis exam type. Wizer.me Media also offers various types of questions, which can prevent students from getting bored easily with the types of questions that are usually monotonous. Teachers can combine various types of questions that will be given to students so that the types of questions can vary” (L. W. Hamidah et al, 2023).

Another advantage is that E-LKPD wizer.me can also contain images, audio and video that support students' learning activities. Next, students can access the E-LKPD via smartphone, tablet or laptop Ayuditasni Dewi et al, (2023); Khusniyah & Hakim, (2019). In addition, the teacher also believes that this website is not only useful for students but also for him as an educator to make it easier to process data and student grades in his class. This is supported by (Rasyidin et al., 2023) stated that wizer.me is a media description test that can make it easier for teachers to assess, save time and display visual and audio media.

Supported by Nurhamidah (2024) Wizer.me media can help teachers improve their abilities by conveying their creative ideas in the form of questions that are appropriate to the required material. After the assessment results are complete, teachers can also provide feedback to students to help them understand their own learning evaluation.”

Another evidence from Kaliappen et al (2021) stated that teachers can set whether the correct answer to a given question is displayed on the application they are using, or only on the front screen of the teaching room. This creative application helps teachers to create personalized teaching based on students' answers. “Teachers can monitor each student's work and provide instant feedback (Zulaiha et al., 2020).

On the other hand Safitri (2020) stated that the advantage of using wizer.me to create E-LKPD which is interactive and consists of multimedia starting from the stages of understanding the material, completing assignments, and collecting assignments”. In line with Laily (2023) on her research stated that teachers use the wizer.me platform to use descriptive text to attract students' attention to learning to write. The teacher also explained that to improve students' listening skills, teachers must use more interesting media. Interesting and engaging media will make it easier to deliver the material because it attracts students' attention and does not cause difficulties for students.

Therefore, Wizer.me can stimulate students' motivation by writing descriptive texts Pamenang & Ngetje, (2024). This means that students think that wizer.me is an easy-to-use tool that can make them interested in learning English in writing classes. It is evidence by Simanjuntak et al (2022) on their research stated that the results of their study show that the ability of students to write descriptive texts has increased, as can be seen of students' writing performance after using wizer.me in several aspects, such as: correlation of related content in descriptive writing, good organizational consistency in descriptive writing, improved grammar in descriptive writing, increased vocabulary in

descriptive writing, good spelling and punctuation mechanics in descriptive writing, increasing student motivation in descriptive writing, increasing students' writing readiness, and increasing class calmness. Another evidence from Afriliyanti et al, (2023) on their research demonstrates that the Wizer.me learning media on ecosystem material is appropriate for use as a Biology learning medium for ecosystem content. This proves that wizer.me is not only used in learning English, but also other subjects.

Based on the explanation above Wizer.me offers a number of significant advantages for teachers, making it a very useful tool in the teaching context. First of all, Wizer.me provides flexibility in creating and managing learning materials. Furthermore, Maharani & Mulyawati, (2024) on their research said that Wizer.me is a free website that allows teachers to test their expertise and creativity by producing work worksheets. Teachers can easily create interactive questions, worksheets, and engaging learning activities with an intuitive interface. Supported by Aisyah et al., (2024) said that Wizer.me is an online learning platform with interactive elements that teachers and students may easily use". This allows teachers to adapt their curriculum to suit the specific needs of their class or students, providing a more personalized and relevant learning experience. Another advantage of Wizer.me is its ability to provide instant feedback to students. Once students complete an assignment or test, teachers can quickly see the results and provide immediate feedback. This not only makes it easier for teachers to monitor student progress but also helps in identifying areas that require additional attention. With this feature, the learning process can become more dynamic and responsive, allowing teachers to effectively direct their teaching to suit students' individual needs. Thus, Wizer.me provides a powerful tool for teachers to increase the efficiency and effectiveness of classroom learning. This was proven that e-lkpd wizer.me has a big influence on student learning outcomes (Subagja, 2022).

b. Perception of student learning outcomes in using Interactive Student Worksheets (LKPD) with the wizer.me application on English learning materials

**Table 2. Matrix of Interview students Response**

No	Respondent	Response
1	S1	1. I think I can be very useful because wizer.me is easy to use, we just log in using email, enter the password and then we complete the assignment or test that is inside and it is very easy to answer.
2	S2	2. The impact that I can get on wizer.me is that before I didn't know about this application like the Wizer.me APK and now I know that this is the current Wizer.me and it's easy to use,



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		it's really designed for students to complete their student worksheet assignments like that and the impact is very good.
3	S3	3. The impact is that it is easier to answer questions and there is no need to write using a book.
4	S3	4. My experience is that I used the Wizer.me application for the first time, well, Wizer.me is very suitable for junior high school students, we can learn and play at the same time, the features are really good
5	S3	5. My experience when using wizer.me in working on LKPD was that I was very happy because I was able to answer some exciting and interesting questions and also had some interesting questions regarding some questions accompanied by pictures.

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Based on the students response above, the researcher found that the wizer.me is very useful because easy to use. The impact is that it is easier to answer questions and there is no need to write using a book. It is supported by Kumalasari & Julianto, (2021) stated that All activities, from doing assignments to collecting assignments, can be done online. Students can access the LKPD either via smartphone, tablet, or laptop, so it will make it easier for teachers and students. Supported by Basrina et al (2023) stated that Wizer.me is a simple, free online student worksheet website that allows students to make or use interactive multimedia worksheets with an automatic grading system. Another research from Nurhamidah, (2024) found that the combination of Wizer.me media and Canva to create a student worksheet on fable texts in Indonesian language classes is highly effective. The findings of research on class VIII B students at SMP IP Yakin Jakarta showed that 75.9% of students appreciated the Wizer.me learning media; 79.3% of students chose Wizer.me media as suited for Fable Text content; and 72.4% of students felt that the learning material was compatible with Wizer.me.

In addition Wizer.me E-LKPD is very good and suitable for use", and the assessment of student responses obtained a score with a good percentage categorized as E-LKPD very good and suitable for use (Sitanggang et al., 2023). In terms of appearance, the Wizer.me platform is dynamic but still looks simple. The menu layout for accessing the features provided is also easy to recognize, so it can be used easily

even by new users. There are several features provided by Wizer.me, namely: community, worksheets, create new worksheets, learners, and a coffee room” (Ni Ketut Erawati et al., 2023).

Next, Sulastri et al (2023) stated that the use of interactive LKPD with the wizer.me application provides student learning experiences that have an impact on student learning outcomes. This is because the features in the wizer.me application make students interested when working on the worksheet. Supported by Oktaviani and Mulyawati (2023). On their research stated that on this website, teachers can get and create their own interactive LKPD according to their creativity, teachers can add pictures, audio and video, and see students' responses directly. Apart from that, Wizer.me is easily accessed by teachers and students via computers, smartphones, tablets and others anywhere and anytime, not limited by space and time”.

In addition Hamidah et al (2023) based on the results of observations in class, students can finish working on questions more quickly when using wizer.me media than when using written media. Using Wizer.me makes it easier for students to choose and fill in answers to the questions listed on the Wizer.me website. This line with Sukmanasa et al, (2024) on her research said that E-LKPD is performed with the wizer.Me application is functional and appropriate for use. Apart from that, using wizer.me as a medium for evaluation can also increase focus and the ability to think clearly when working on questions. Wizer.me also has various attractive displays and can be customized to the teacher's wishes. Teachers can adjust the type of font, color, and background of the questions and insert various images as triggers when working on the questions. So an attractive appearance will not make students bored when working on questions.

Based on the explanation above it can be conclude that Wizer.me is an online question creation platform designed to make the learning process easier for teachers and students. Supported by Fitriani et al, (2024) on their research stated that A range of digital learning tools can increase student engagement in the learning process. Variations that trigger learning, namely by using a range of learning material, such as power point, Miro, Wizer.me, Google Classroom, Mentimeter, and learning films, make students interested in the learning process. One of the main conveniences offered by Wizer.me is its intuitive and user-friendly user interface. With easy-to-use design tools, users can quickly create interactive questions, such as multiple choice, short-form questions, and assignment activities. Supported by Maghfiroh & Mustofa,(2023) “The use of Wizer.me improves student engagement and participation. Furthermore, Pratiwi & Nuraini,( 2024) on her research found that the E-LKPD wizer.me have a significant impact on critical thinking skills in high school. This allows teachers to create engaging and challenging learning experiences without requiring advanced technical expertise. Next, Wizer.me provides various learning resources that teachers can access directly. Teachers can take advantage of the thousands of worksheets already in the Wizer.me gallery, or they can share and adapt the work of other teachers. With the ability to import content from a variety of sources, including images, video, and audio, Wizer.me

enables the personalization of learning materials to suit classroom needs and learning objectives. Thus, Wizer.me not only facilitates question creation, but also provides a variety of tools to improve the overall quality and relevance of teaching” (Simamora, 2022).

Furthermore, Wizer.me is an innovative educational platform designed to enhance English language learning experiences” (Simarmata & Dewi, 2023). Serving as a dynamic and user-friendly website, Wizer.me empowers educators to create interactive and engaging digital worksheets, quizzes, and learning materials for their students. The platform integrates various multimedia elements, allowing teachers to incorporate videos, images, and audio into their lessons, fostering a more immersive learning environment. Wizer.me's versatility enables educators to tailor their content to diverse learning styles, promoting a personalized and effective language learning journey Rasyidin et al., (2023). Embraced by experts in the field of education technology, Wizer.me stands out for its commitment to providing educators with tools that facilitate impactful and modern language instruction, making it a valuable resource in the realm of English language education” (Almaida et al., 2021).

## **CONCLUSION**

This study concludes that Wizer.me is a highly beneficial tool for both teachers and students in the context of English language education. The research findings highlight several key advantages: 1) **Ease of Use:** Both teachers and students find Wizer.me to be an intuitive and easy-to-use platform. Teachers can quickly and efficiently create interactive worksheets using wizer.me, while students can complete assignments more easily and understand instructions clearly. 2) **Versatility:** Wizer.me offers a variety of question types that can be used in worksheets, including open-ended, multiple choice, matching, and fill-in-the-blank questions. This allows teachers to create diverse and interesting learning experiences for students. With these variations in question types, students can be more actively involved in the learning process and have the opportunity to think critically and creatively in answering questions. 3) **Resource Accessibility:** Teachers have access to thousands of existing worksheets in the Wizer.me gallery, which they can adapt as needed. This allows teachers to easily find and use relevant, high-quality learning materials without having to create everything from scratch. This accessibility also allows teachers to share resources and best practices with colleagues, enriching the overall learning environment. 4) **Multimedia Integration:** Wizer.me allows teachers to incorporate various multimedia elements such as images, videos, and audio into their worksheets. This integration creates a more engaging and personalized learning experience for students. The use of multimedia not only helps explain complex concepts better but also keeps students' attention and increases their motivation to learn. 5) **Efficiency:** Students report that the process of answering questions becomes easier by using Wizer.me. They appreciate the shift from traditional paper-based methods to more efficient digital platforms. Wizer.me allows students to complete assignments quickly and precisely, reducing the time required to

complete worksheets and allowing more time for in-depth discussion and understanding. In addition, teachers can quickly assess and provide feedback, speeding up the learning cycle and improving learning outcomes. Thus, this proves that wizer.me very useful for teachers and students in learning English with the ease and flexibility offered. This can also be a consideration for future researchers because wizer.me is very suitable for use. Furthermore, Wizer.me can be used in various subjects other than English, such as Mathematics, Science and Social Sciences.

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