

IMPLEMENTATION OF DIGITAL TECHNOLOGY (QUIZIZZ) IN INCREASE ARABIC VOCABULARY AT SDIT INSAN KAMIL BANDAR JAYA EAST

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ABSTRAK

Di era digital ini, penggunaan teknologi di dalam kelas sangatlah penting. Salah satu alat yang dapat dimanfaatkan sebagai sarana pembelajaran adalah Quizizz. Guru dapat membuat kuis interaktif menggunakan aplikasi bernama Quizizz, dan siswa dapat mengerjakannya secara online. Tujuan dari penelitian ini adalah untuk mengkarakterisasi pengalaman dan sudut pandang peserta tentang penggunaan teknologi digital Quizizz untuk meningkatkan kosa kata dalam bahasa Arab. Data dikumpulkan melalui observasi siswa, wawancara, dan dokumentasi dengan menggunakan penelitian deskriptif kualitatif. Pengumpulan data dilakukan dengan cara observasi mengenai proses pembelajaran penggunaan teknologi digital quizizz yang dipakai dalam pembelajaran, observasi dilakukan dengan melihat bentuk teknologi digital yang digunakan guru dalam proses belajar mengajar, selanjutnya untuk memperdalam data dilapangan juga digunakan teknik wawancara yang diperlukan sebagai data pendukung penelitian. Temuan penelitian ini menunjukkan bagaimana penggunaan Quizizz meningkatkan motivasi, semangat, keterlibatan, dan penguasaan kata dalam bahasa Arab. Dengan Quizizz, mereka mendapatkan pengalaman yang menyenangkan dan menarik, dan kosa kata mereka meningkat secara signifikan. Penelitian ini menawarkan gambaran komprehensif tentang bagaimana teknologi digital Quizizz digunakan untuk meningkatkan kosa kata bahasa Arab dan menawarkan informasi mendalam untuk penciptaan metode pengajaran yang lebih efektif di masa depan.

Kata kunci: teknologi quizizz, kosa kata, pembelajaran bahasa Arab

ABSTRACT

In this digital era, the use of technology in the classroom is very important. One tool that can be used as a learning tool is Quizizz. Teachers can create interactive quizzes using an application called Quizizz, and students can take them online. The aim of this study was to characterize participants' experiences and viewpoints regarding the use of Quizizz digital technology to improve vocabulary in Arabic. Data was collected through student observation, interviews, and documentation using qualitative descriptive research. Data collection was carried out by observing the learning process using Quizizz digital technology used in learning, observations were carried out by looking at the form of digital technology used by teachers in the teaching and learning process, then to deepen the data in the field, interview techniques were also used which were needed as research supporting data. The findings of this research show how using Quizizz increases motivation,

enthusiasm, engagement, and mastery of Arabic words. With Quizizz, they have a fun and engaging experience, and their vocabulary increases significantly. This research offers a comprehensive overview of how Quizizz digital technology is used to improve Arabic vocabulary and offers in-depth information for the creation of more effective teaching methods in the future.

Keywords: *quizizz technology, vocabulary, Arabic language learning*

INTRODUCTION

Information technology has advanced to the point where it now affects every element of human existence, including education. 21st century learning incorporates technological proficiency together with literacy skills, knowledge, and attitudes. The key component in implementing 21st century learning is the use of technology in the classroom.

Technology advancements have altered the way that learning is constructed to make it more engaging and joyful. Diverse digital gadgets and programs have been designed to go hand in hand with how people are learning, creating, analyzing, and sharing the knowledge they have gained. The quick advancement of information and technology has sparked creative, practical, and efficient applications of learning media. If technology is utilized effectively as an interactive learning tool, it may significantly aid in the implementation of learning. To enhance the learning results of students, digital learning technologies can be employed.(Mardia, 2023)

The quick advancement of digital technology has changed the approaches, routines, and habits of learning. The learning process is no longer just restricted to in-person instruction from teachers; online learning is now being innovated. Information and Communication Technology (ICT) has caused three changes in the way that learning is done: it has moved from being done in a classroom to being done anywhere at any time; it has moved from using paper to using online resources; and it has moved from using physical facilities to using network resources.(Jamun, 2018) Certain technologies are needed in the classroom to facilitate face-to-face instruction. Likewise, learning takes place outside of the classroom. The secret to using technology effectively is for teachers to grasp how to teach it. As a result, educators shouldn't become bored and should keep

discovering new ways to use technology both within and outside of the classroom. (Sholihah et al., 2022)

Inventions and instruments that make use of recently discovered scientific ideas and processes are frequently referred to as technological innovations. But extremely old innovations like the wheel are also considered to be part of technology. Technology is used in education to help pupils comprehend and go deeper into the topic, particularly while learning Arabic. (Muin et al., 2023) Learning technology has evolved through its evolutionary path from being practice-oriented to theory and practice, from products to processes and products, and at last, it is now acknowledged as a discipline, program of study, and occupation. For people, Arabic is vital, especially for Muslims. (Mukarromah et al., 2023) Humans utilize language to interact and communicate, thus studying Arabic is a must for all educational programs, both local and foreign. In order for Arabic to adhere to protocols and incorporate relevant principles. (Suhardi et al., 2023)

Acquiring a vocabulary is a crucial aspect of learning Arabic. Words that make up a language are termed vocabulary, or *mufrodāt* in Arabic. Vocabulary is an essential component of all Arabic skills and abilities, since it is one of the markers of a proficient Arabic speaker. Therefore, it is imperative to acquire vocabulary at an early age. (Sahana Anggian, 2022) The development of one's vocabulary is crucial to language acquisition. It is necessary to understand the purpose of vocabulary instruction, which is to expand pupils' vocabulary. A proficient language user is one who possesses a large enough vocabulary to facilitate effective communication with language natives. Visual material, such as graphics, may be a more efficient way to acquire vocabulary. It is crucial to employ picture technology to help students grasp concepts better so that they are more likely to pay attention to cues from items or things they have never seen that are connected to the lesson plan. (Unsi, 2014)

One of the disciplines that include reading, writing, speaking, and listening is Arabic language education. The truth in the field is that Arabic language instruction still produces very low-quality students as the intended goals have not been met in an optimal or sufficient manner. This is brought on by the fact that, in addition to the fact that textbooks are still the main source of information in a formal

educational setting, pupils find it difficult to learn anything new and unfamiliar.(Farihatun, 2019) Aside from that, Arabic has unique qualities of its own due to the extremely high literary worth. Since Arabic is employed in the Al-Qur'an, individuals who study the language indirectly also attempt to comprehend Allah's language, or the holy message. The sacred book of Muslims and a manual for navigating life on earth is the Koran. When compared to other Arabic languages, the language of the Qur'an holds the greatest rank since it is the holy message itself.(Rahmi, 2019)

The distribution of messages from sources via specific channels or media to message recipients or students is one of many aspects that must be taken into account in the teaching and learning process in order to improve the quality of Arabic language classes. In the meanwhile, it's believed that educational practices still don't foster a fun and supportive environment where children may study new and different subjects. Because the learning approach mostly relies on textbooks, this makes students perceive Arabic as a challenging topic, which makes them less motivated to study, lazy, pay less attention, and forget the language they have acquired easily. Because of this, it's essential to use a technique or substitute to learn Arabic that is suitable for a relaxed environment that inspires pupils to reach their full creative potential.

Because of recent technology advancements, one digital tool that may be utilized as an engaging Arabic language learning medium is Quizizz. Using Quizizz, you can make interactive presentations and quizzes for use in both online and traditional classroom learning environments. With its features, Quizizz is a fascinating interactive learning tool that emphasizes teamwork and communication. It can also foster interaction between students and instructors through games, which have the power to stimulate learning through challenges, imagination, and curiosity.(Salsabila et al., 2020) With its engaging and amusing "learning while playing" methodology, Quizizz aims to be a distinctive draw for students during the educational process. Playing involves a learning process. Playing and learning are comparable in that they both need changes that might affect one's experiences, attitudes, and behavior. Their friendship is quite close.(Husniyah et al., 2023)

This study intends to characterize the participants' experiences and points of view regarding the application of Quizizz digital technology to increase vocabulary in Arabic. The rationale behind this approach is the significance of expanding vocabulary in Arabic and the role that technology plays in the vocabulary learning process. It is hoped that after reading the research's findings, educators will be better able to use Quizizz and other learning technologies to help students learn vocabulary more effectively and keep their interest levels up. This will prevent students from becoming bored.

How does this research methodology become used? Qualitative descriptive analysis is the approach used in this study. Qualitative methodology was employed in this investigation. At SDIT Insan Kamil Bandar Jaya East, this study was carried out. The method of data collection used in this study was field observation of the Arabic language learning process utilizing Quizizz digital technology. Additionally, interviews were conducted to gather additional data in the form of supporting data for the research, as well as an examination of the digital technology forms that teachers were utilizing.

DISCUSSION

Quizizz as a Technology for Arabic Language Learning Application

Learning Arabic is a set of prearranged activities or procedures designed to facilitate the language learner's acquisition of the language in the most effective way possible. (Tanjung et al., 2023) The teaching and study of Arabic in the digital age has been greatly aided by Arabic language education platforms and applications. Numerous platforms and programs, such as word learning tools, speaking practice tools, and grammatical comprehension tools, have been created expressly to assist the Arabic language learning process. (Amadi & Sholikha, 2023)

Similar to Kahoot, Quizizz is a game-based learning application. Online interactive tests and quizzes may be created, shared, and taken by educators, learners, and teachers. Additionally, because it incorporates game aspects, the Quizizz application is a multiplayer, game-based instructional tool that makes learning more enjoyable. Thus, studying Arabic may be facilitated by utilizing the

Quizzizz app, which has eye-catching visuals.(Ahmad Nawirul Huda, Nurul Fadzilah, Aatina Khairal ‘Athiyyah Zen, 2023)

The Quizzizz app is different from other educational apps in a certain way. What makes this app special is that it incorporates gaming elements like themes, avatars, memes, and music to enhance the learning experience. Students may take the quiz simultaneously, and once they're done, they can see where they stand in relation to the numbers on the leaderboard. Teachers or other educators may keep an eye on the application's operation from the planning phase to the participation count and reporting phase, which assesses student performance.

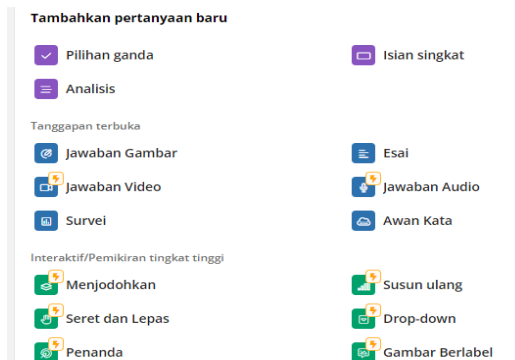
The Quizzizz tab is where instructors build quizzes that students must first complete. This makes using the tool very simple. Teachers can ask students to log in to Quizzizz.com or use an app that can be downloaded from the Playstore once the questions are prepared and the best time to work on them has been decided. not the App Store. It is necessary for students to join using the code that the teacher has supplied after they have logged in. After entering their names, they proceed to work within the allotted time. Instead of using an LCD projector, students can read questions on their smartphones through a computer.(Khotijah & Arifin, 2021)

An example of a logo image from Quizzizz is as follows:



Picture 1: Quizzizz logo

The following image illustrates the features that Quizzizz offers for creating interactive questions: multiple choice questions, essays, filling in the blanks in sentences, voice response questions, video call questions, drawing or painting, percentages, and tables :



Picture 2: Quizizz features as a learning evaluation medium

In addition to the aforementioned elements, Quizizz offers tools for distant learning in the form of online slides that include text, audio, video, photos, tables, and other content, as seen in the image below:

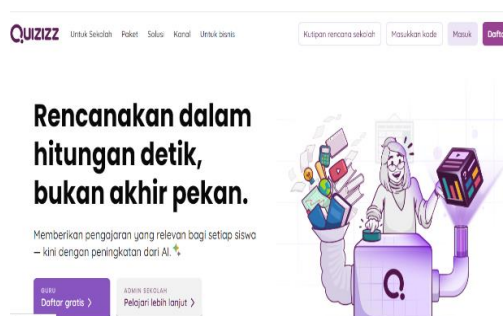


Picture 3: Quizizz features as a learning medium

Once the instructor or lecturer has completed constructing the learning materials or questions (you may utilize all the models in one assignment), you can give the assignment to the students by sending them the link or code on Quizizz. The moment questions are shared with students, this code or link will show up instantly.

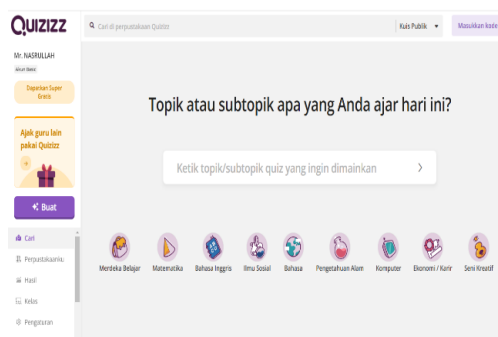
The following is how to use Quizizz:

- Enter <http://www.quizizz.com> into the search bar of Mozilla or Google Chrome to get a screen that looks like this:



Picture 4: initial display of quizizz

- To register, click Sign Up, and then choose Sign in with Google.
- Enter your Gmail password and email address, then click the next button.
- Click at school, then click teacher if you want to log in as a teacher.
- After that, you'll be guided to review your dashbor Quizizz.
- To create a question or learning resource, click Create. Next, select the type of question you wish to make (refer to Figure 2). If the question is multiple choice, enter the right answer in the "answer option" column, check it, and save.
- After you've completed writing every question, select "finish quiz," "quiz detail" will show up, you may select the class, and then "save."
- After that, you may choose whether to use the quiz as "homework" or as a silent work that is assessed by a computer program called "play live." Once the workday (day and night) is over, click "procced."
- A code to complete the task will appear; alternatively, you may click "bagikan link" so that students can read and complete the tasks that are provided.



Picture 5: Quizizz dashboard display

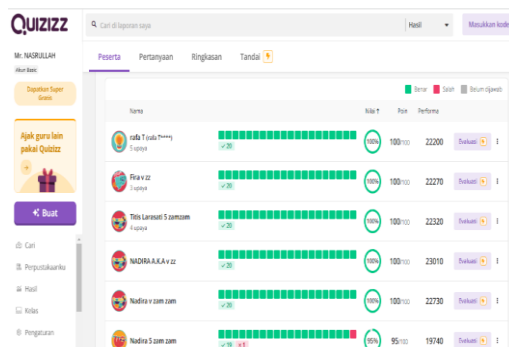
Application of Digital Quiz Technology for Arabic Language Learning

In addition to supporting learning objectives and procedures, digital learning technologies may be applied to the teaching of Arabic. One of the subjects that is frequently taught at educational levels like MI, MTs, MA, and quick education is Arabic. The research subject for this study was SDIT Insan Kamil Bandar Jaya East.

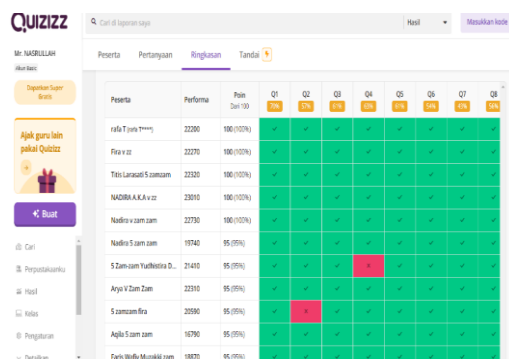
Language learners need to possess a number of abilities when learning a foreign language, including speaking, listening, reading, and writing. Similar to

this, students must acquire and master certain abilities in order to study Arabic. These abilities are known as maharah kitabah (skills) to write, maharah kalam (speaking abilities), maharah qira'ah (reading abilities), and maharah istima' (hearing abilities). Since they began studying Arabic, students have acquired these four abilities.(Zulpina, 2022)

Teachers are now able to increase the inventiveness of learning material thanks in large part to the advancements in technology. Nowadays, everyone, even toddlers and adults, is very familiar with smartphones. In light of this circumstance, parents and educators in particular need to work to ensure that kids, particularly those enrolled in Madrasah Ibtidaiyah, may benefit from it. An app called Quizizz may be used as a tool for assessment and learning. This program focuses more on evaluation activities in general, including how to make them engaging and creative while yet producing results quickly. Students can utilize this application's intriguing question-creation tools either studying online or utilizing a smartphone at home to complete homework.(Zulpina, 2022)



Picture 6 : The student's overall score



Picture 7 : Summary of Values based on question number

According to the findings of interviews conducted with Arabic language instructors, digital learning technology is not frequently applied in the classroom. But it's only put to use for a limited period of time. In addition, the instructor or teachers' choice of digital technology is influenced by the variety of technologies available. Most educators take into account a number of factors when selecting digital content that is simple for pupils to access and utilize. In addition, the selection of digital technology is also influenced by time effectiveness. Quizizz is one of the technologies. This platform facilitates enjoyable and cooperative learning. In addition to enhancing student proficiency, this technology makes learning engaging for pupils by enabling them to study as they play. Due to its greater usability, the Quizizz program may be utilized in any Arabic language instruction. This application may serve as both a recommendation for material delivery and an assessment tool. Practice questions, material reinforcement, pre- and post-test elements, and so on. Teachers may construct five different sorts of questions with the quiz feature: fill in the blank, check box, essay, multiple choice, election, and survey. You may study qiro'ah, kitabah, mufrodat, and qowaid using this platform.

Based on what has been observed during student observations, students who use Quizizz to participate in digital learning are engaged and content. Because they use new objects and digital technology, such as LCDs, laptops, and cellphones, they study extremely energetically. In addition, teaching with digital technology can help students acquire Arabic more quickly and with better concepts. In addition, the usage of digital learning technologies increases the effectiveness and difficulty of learning. This is due to the fact that kids participate in class more actively, find learning to be more enjoyable, and have a natural curiosity for new topics. In addition, students find it difficult to finish practice tasks on the Quizizz app. This is another step that teachers may take to make better use of their students' social media accounts.

Advantages and Disadvantages of Digital Quizizz Technology for Learning Arabic

Every technology has benefits and drawbacks when it comes to supporting the learning process.

The advantages :

1. It is simple for teachers to create questions; questions they have created in the form of a question archive simply need to be moved (copied and pasted). Avoid copying and pasting questions from other people because it's possible that some students have seen them and are looking for information or are trying to find it. When it comes to the different Quizizz questions, teachers should be imaginative or at the very least, start their own question repository.
2. The number of points earned and the rank attained in answering a particular question appear each time a student provides a right response.
3. The right response will show up if pupils provide an erroneous response to the question.
4. After completing the quiz, a Review Question will show up at the conclusion so you may go over the answers we selected.
5. Because the quiz is created in Homework/PR, each student receives a unique set of questions while taking it; hence, the questions are randomized and distinct for each student..(Salsabila et al., 2020)

In the meantime, Quizizz has the following shortcomings :

1. Issues with the internet network occasionally arise
2. There is little content covered.
3. Students that are hard to manage when they open a new tab
4. Students may receive a lower ranking even if they have answered every question. This is because of time constraints, which means that the rate at which they complete the questions will determine how well they rank.
5. If any pupils arrive late, it will provide a challenge. (Mujahidin et al., 2012)

This is a description of the advantages and disadvantages of Quizizz, a learning tool that makes it easier for users to understand how to use the program. Because many of the works in the Quizizz program have been uploaded online, obtaining them is very easy. However, it would be better if educators or teachers used creativity when composing questions, as this would allow them to adapt teaching to the specific needs of each student while sticking to the predetermined

learning objectives. If a set of prescribed or required quizzes have been found, we can take advantage of them by providing live, independent, or homework assignments in online classrooms during the pandemic. Apart from that, the completeness of the Quizizz application also contributes significantly to the success of learning on various topics and grade levels, including elementary and MI students.

Since applications are created and used in connection with the demands of students or learners, their creation and utilization is very important to complete things that are still unfinished. The creation and innovation of educational media facilitates learning by enabling it to take new forms and develop traits that increase motivation and competence. In general, the development of learning media must be completed in order to immediately realize education that is rich in continuous improvement.

CONCLUSION

The application of digital technology such as Quizizz has increased the Arabic vocabulary at SDIT Insan Kamil Bandar Jaya East. The findings of this study support the idea that Quizizz helps students understand terminology better. Quizizz's interactive features encourage students to learn more actively by providing them with an interesting and fun learning experience. Learning becomes more effective and diversified with the use of game components on the platform, review of information and a variety of activities. So, using Quizizz as an Arabic language learning application technology can be an effective and creative solution in improving students' vocabulary understanding at SDIT Insan Kamil and perhaps also in other schools. By continuing to develop and utilize digital technology, Arabic language education at the elementary level can become more efficient and effective in preparing students to master the language. However, there are several challenges that need to be overcome to implement Quizizz, such as internet connection problems and limited content provided. However, with its obvious benefits, digital technology such as Quizizz has great potential to improve Arabic language learning in elementary schools.

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