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THE ROLE OF TECHNOLOGY IN LANGUAGE TEACHING: ENHANCING ENGAGEMENT THROUGH DIGITAL TOOLS**РОЛЬ ТЕХНОЛОГИЙ В ОБУЧЕНИИ ЯЗЫКАМ: ПОВЫШЕНИЕ ВОВЛЕЧЁННОСТИ С ПОМОЩЬЮ ЦИФРОВЫХ ИНСТРУМЕНТОВ****TEXNOLOGIYA'NING TIL O'RGATISHDA ROLI: RAQAMLI VOSITALAR ORQALI JALB QILISHNI OSHIRISH****Maxmudova Dilafroz Alisher qizi** 

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Abstract

The use of technology, in teaching languages has revolutionized old school teaching methods by providing ways to improve student involvement and learning achievements. This research explores the impact of digital tools in language education with a focus on their ability to boost students participation. The study gathered data using a combination of methods including surveys and interviews with language educators and students. The results indicate that technology, like interactive applications, gamified platforms and virtual classrooms can greatly improve engagement and motivation of learners. Despite these benefits some challenges including technical problems, accessibility and lack of training for teachers limit the widespread use of these tools. This research highlights how technology has the potential to transform language education by tackling obstacles, in its integration. The findings offer advice, for teachers, school officials to enhance the utilization of digital tools in language learning and boost student achievements in a variety of educational settings. Further study is suggested to explore the lasting influence of these tools and their effectiveness across diverse educational context.

Аннотация

Использование технологий в преподавании языков произвело революцию в старых школьных методах преподавания, предоставив способы повысить вовлеченность учащихся и повысить их успеваемость. В этом исследовании изучается влияние цифровых инструментов на языковое образование с упором на их способность повышать участие студентов. В исследовании были собраны данные с использованием комбинации методов, включая опросы и интервью с преподавателями языков и студентами. Результаты показывают, что технологии, такие как интерактивные приложения, геймифицированные платформы и виртуальные классы, могут значительно улучшить вовлеченность и мотивацию учащихся. Несмотря на эти преимущества, некоторые проблемы, включая технические проблемы, доступность и отсутствие подготовки учителей, ограничивают широкое использование этих инструментов. Это исследование показывает, как технологии могут изменить языковое образование, устраняя препятствия на пути его интеграции. Полученные результаты дают учителям и руководителям школ рекомендации по более эффективному использованию цифровых инструментов при изучении языка и повышению успеваемости учащихся в различных образовательных учреждениях. Предлагается провести дальнейшее исследование для изучения длительного влияния этих инструментов и их эффективности в различных образовательных контекстах.

Annotatsiya

Tillarni o'qitishda texnologiyadan foydalanish talabalarning ishtiroki va o'quv yutuqlarini yaxshilash yo'llarini taqdim etish orqali eski maktab o'qitish usullarini inqilob qildi. Ushbu tadqiqot raqamli vositalarning til ta'limiga ta'sirini o'rganib, ularning talabalar ishtirokini kuchaytirish qobiliyatiga e'tibor qaratadi. Tadqiqotda ma'lumotlar turli usullardan foydalangan holda, jumladan, til o'qituvchilari va talabalari bilan so'rovlar va intervyular natijasida to'plangan. Natijalar shuni ko'rsatadiki, interaktiv ilovalar, o'yin platformalari va virtual sinflar kabi texnologiyalar o'quvchilarning faolligi va motivatsiyasini sezilarli darajada yaxshilashi mumkin. Ushbu afzalliklarga qaramay, ba'zi qiyinchiliklar, jumladan texnik muammolar, mavjudlik va o'qituvchilar uchun treningning yetishmasligi ushbu vositalardan keng foydalanishni cheklaydi. Ushbu tadqiqot texnologiya to'siqlarni bartaraf etish orqali til ta'limini o'zgartirish imkoniyatiga ega ekanligini ta'kidlaydi. Topilmalar o'qituvchilar va maktab mutasaddilariga til o'rganishda raqamli vositalardan foydalanishni yaxshilash va turli ta'lim sharoitlarida o'quvchilar yutuqlarini oshirish bo'yicha maslahatlar beradi. Ushbu vositalarning doimiy ta'sirini va ularning turli xil ta'lim kontekstlarida samaradorligini o'rganish uchun keyingi tadqiqotlar taklif etiladi.

Key words: echnology, language teaching and learning, engagement, digital tools**Ключевые слова:** Технологии, преподавание и изучение языков, взаимодействие, цифровые инструменты**Kalit so'zlar:** Texnologiya, til o'rgatish va o'rganish, ishtirok etish, raqamli vositalar.

INTRODUCTION

With the rapid development of digital technologies, the education process has totally changed, especially the field of language teaching. The tools of this century, including mobile apps and interactive platforms that use online resources, are comprehensive in creating an active and engaging learning environment. These methods make learners do activities that provide personalized learning, collaboration, and accessibility, issues that traditional teaching techniques have tried to handle.

In language education, student engagement is considered vital for effective learning. Technologies such as gamified platforms and virtual classrooms have already shown their capabilities to motivate students for more active participation in language learning by making it more interactive and fun. This article investigates how technology transforms language teaching, emphasizing its role in enhancing engagement for both students and educators.

LITERATURE REVIEW

The integration of digital technologies into language learning has gained much attention in the last few years, with an increasing number of studies exploring the impacts on student engagement and learning outcomes. These studies highlight the benefits that digital tools have in fostering behavioral, cognitive, and emotional engagement among learners.

Abbasova N.K. (2024) explores the integration and impact of digital tools in educational settings, underlining their role in the enhancement of student engagement and participation. Digital tools are found to be used moderately in the classroom but really contribute to interactive and multimedia learning experiences. However, the research also acknowledges conflicting perspectives among educators and learners, indicating that individual experiences and contextual factors play a crucial role in determining the effectiveness of digital tools in teaching and learning.

Li and Lan (2022) give an overview of DLL from behavioral, cognitive, and neurocognitive perspectives. Their research underlines the potential of digital tools in provoking changes in neural processes related to language acquisition. They assert that DLL offers learners a personalized, flexible, and immersive environment that fosters the retention and fluency of a language. Furthermore, this study underscores the need to adapt digital platforms to suit the various needs of learners.

Nkomo, Daniel, and Butson (2021) conducted a systematic literature review to synthesize findings around students' engagement with digital technologies. Some influencing factors were the usability of platforms, the nature of content being interactive, and teacher facilitation. According to the authors, digital tools greatly enhance motivation and participation. Nevertheless, digital literacy and inequalities in access remain major concerns which will have to be solved before realizing full potential.

Pham (2022) discusses the use of technology to engage students at the secondary school levels in an English class. This study revealed that the infusion of digital games, online quizzes, and other multimedia applications significantly raised interest and encouraged participation in various English-related activities among these students. However, it equally stresses how teacher training on the content curriculum should not be absent.

METHODOLOGY

This study used a survey-based research design to find out the role of technology in language teaching and the amount of engagement it would produce. The survey was created using Google Forms to collect data online. The link to the survey was distributed among third-year Fergana state university students majoring in English. A total of 23 participants completed the survey. These students were chosen as participants because they not only study English but also work part-time as teachers in language centers, schools, and private tutoring services. A questionnaire was used to obtain information on the experiences and perceptions of the participants in using digital tools in language teaching and learning. The data was then analyzed from the questionnaire for emerging themes, trends, and differences in perspectives. Findings were also compared to existing works of researchers to provide a complete understanding of the role technology could play in enhancing engagement in language teaching.

RESULTS

The survey results indicate that there is a high reliance on digital tools in language teaching and learning. Most of the respondents, 87%, use digital resources either every day or weekly (Figure1). Data also showed some key motivating factors in integrating digital tools: accessibility, increased engagement, interactive features, and improved learning outcomes.

1. How frequently do you use digital tools in language teaching or learning?

23 ответа

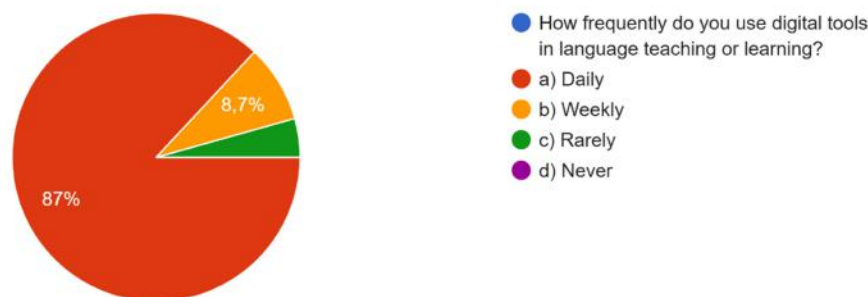


Figure 1

Besides, digital tools used in language lessons were considerable: for instance, 39.1% of the total interviewees reported their use in more than 60% of the sessions (Figure 2). Based on these data, the use of digital tools may be considered to make important contributions to the improvement and diversification of teaching and learning methodologies in language education.

3. What percentage of your language lessons involve digital tools?

23 ответа

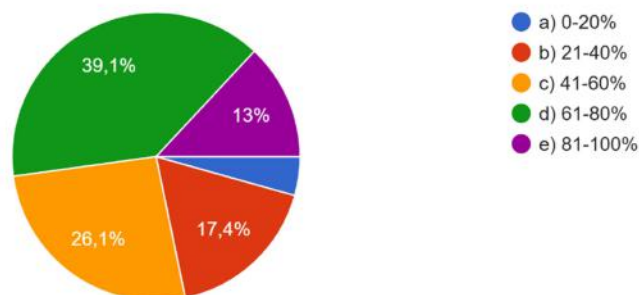


Figure 2

For Question "Do you think digital tools make learning a language more interactive compared to traditional methods?", a majority of the respondents are of the opinion that, in comparison with traditional tools, digital tools make language learning more interactive. A fair portion, 52.2%, "agree," whereas 47.8% "strongly agree," indicating a complete positive outlook on the role of digital tools in enhancing interactivity.

On Question "Do you believe digital tools can replace traditional teaching methods in language education?", the views of subjects are divided whether at all, digital tools can completely take over the job from the traditional method. Whereas 73.9% "agree" that one day, digital tools can take over from traditional methods; only 8.7% "strongly agree". On the opposite extreme, 13% disagree, while 4.3% strongly disagree that digital tools can replace the traditional

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methods. These findings suggest that, although digital tools are perceived as valuable and interactive, there is still doubt with regard to their completely replacing traditional methods of language teaching.

In addition, all participants (100%) reported that they use gamified digital tools such as quizzes and games for teaching or learning a language. Besides, it was found that gamified tools were considered effective by the respondents, 91.3% of them found such tools "very effective" and 8.7% claimed they were "somewhat effective" in enhancing engagement (Figure 3). None rated them as ineffective. These results indicate that gamified digital tools are widely used and perceived as valuable in fostering more engaging and interactive learning experience.

8. How would you rate the effectiveness of gamified digital tools (e.g., quizzes, games) in enhancing engagement?

23 ответа

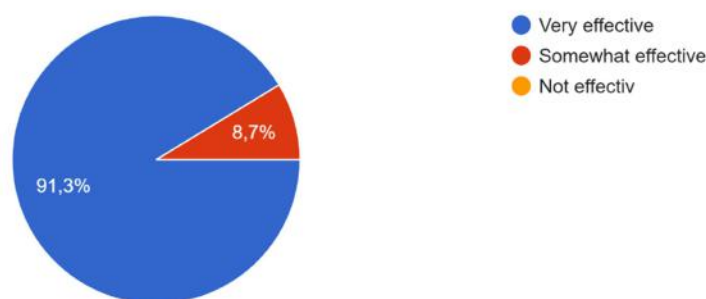


Figure 3

The integration of digital tools not only demonstrated widespread adoption but also yielded positive results in learning outcomes and engagement. A significant 95.7% of participants observed improvements in learning outcomes, reinforcing the earlier findings on the effectiveness of these tools in fostering better educational achievements (figure 4). Moreover, 78.3% of respondents rated engagement and participation as high when using digital tools, with 21.7% considering it moderate (Figure 5). These results align with the previously reported widespread use of gamified and interactive tools, such as quizzes and games, highlighting their contribution to enhancing both motivation and active involvement in learning processes. These findings underscore the transformative impact of digital tools in creating more engaging and effective language learning experiences.

9. Have you observed a improvement in learning outcomes with the use of digital tools?

23 ответа

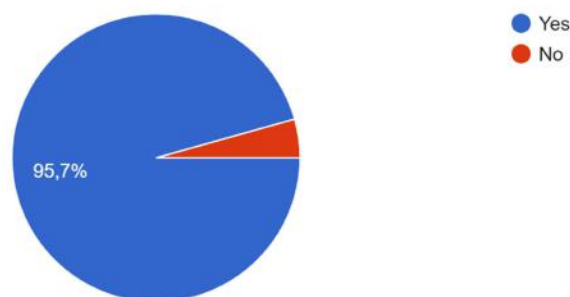


Figure 4

11. How would you rate your students'/your engagement and participation when using digital tools?

23 отбета

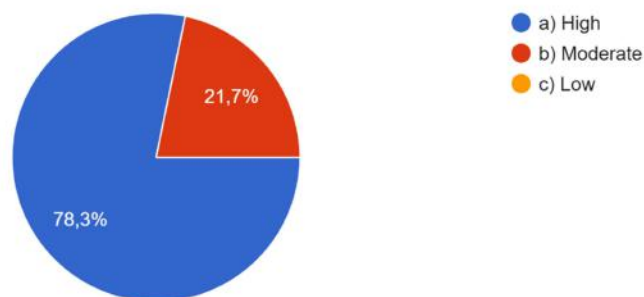


Figure 5

Despite the clear benefits of digital tools in enhancing engagement and learning outcomes, challenges remain. When asked about the greatest difficulties faced in using these tools, technical issues emerged as the most significant barrier, reported by 65.2% of respondents. Other challenges included lack of accessibility (13%), lack of training (13%), student resistance (4.3%), and cost (4.3%) (Figure 6).

12. What is the greatest challenge you face when using digital tools for language teaching/learning?

23 отбета

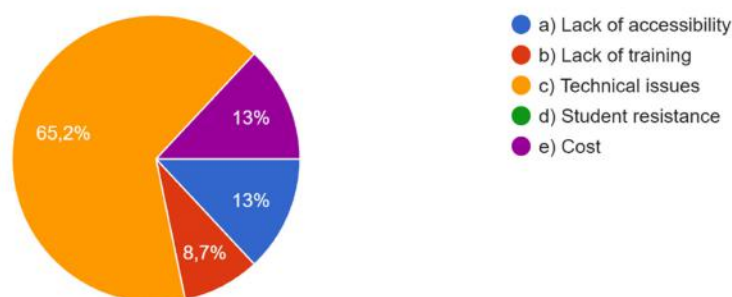


Figure 6

These findings suggest that while digital tools are effective, their full potential is limited because of some challenges. Addressing these challenges, particularly technical issues and accessibility, will be crucial to furthering the successful integration of digital tools in language education.

DISCUSSION

Results have shown an increased reliance on digital tools in language education, with respondents acknowledging their potential to enhance teaching and learning. The widespread use of these tools suggests that they are no longer supplementary but are becoming essential components of language education. Participants particularly emphasized the role of gamified tools, such as quizzes and games, in fostering engagement and interactivity, which are crucial for language acquisition. This also supports the broader understanding that digital tools can really transform traditional teaching methods and make learning experiences more dynamic and participatory.

However, while digital tools are perceived as effective, they are not without challenges. Participants identified technical issues and limited accessibility as the most significant barriers, underscoring the importance of ensuring proper infrastructure and support for educators and learners. Additionally, the findings reveal a cautious attitude toward fully replacing traditional teaching methods with digital ones, suggesting that a hybrid approach combining both may be more effective. This reflects the complexity of integrating technology into education, where innovation must balance with practicality and inclusivity.

These results underscore the importance of aligning digital tools with pedagogical goals and providing training for educators to maximize their potential. By addressing the identified challenges, digital tools can continue to play a transformative role in language education, promoting greater accessibility, engagement, and learning outcomes. The study reinforces the need for a comprehensive approach that considers not only the benefits of technology but also the conditions required for its effective implementation.

CONCLUSION

To conclude the results clearly indicate that in modern language teaching and learning, the role of digital tools is extremely important. Most of the participants use these digital tools frequently and acknowledge the benefits; digital resources are changing the way methodologies have been operating. Key advantages, including increased accessibility, enhanced interactivity, and improved engagement, have firmly positioned digital tools as essential elements of effective language education.

The widespread adoption of gamified digital tools, like quizzes and games, underscores their worth in maintaining motivation and active participation. Most of the participants rated these tools as effective, reinforcing their contribution to better learning outcomes and enhanced engagement. However, the findings also revealed challenges, with technical issues being the most commonly reported obstacle. While digital tools are widely appreciated for their benefits, skepticism remains about their ability to completely replace traditional teaching methods. This indicates that digital tools should be viewed as complementary rather than a substitute for traditional approaches.

Overall, the study highlights both the transformative potential and the practical challenges of integrating digital tools in language education. Addressing these challenges, particularly technical issues and accessibility, will be critical to maximizing the benefits of these tools and ensuring their long-term success in language teaching and learning.

REFERENCE

1. Abbasova N.K. Evaluating the impact of digital tools in classrooms and online learning platforms, Farg'ona davlat universiteti, 2024
2. Chen, M. R. A., & Lin, Y. H. (2024). A reflective e-learning approach for reading, thinking, and behavioral engagement. *Language Learning & Technology*, 28(1), 1–20.
3. Li P, Lan Y-J. Digital Language Learning (DLL): Insights from Behavior, Cognition, and the Brain. *Bilingualism: Language and Cognition*. 2022;25(3):361-378.
4. Nkomo, L.M., Daniel, B.K. & Butson, R.J. Synthesis of student engagement with digital technologies: a systematic review of the literature. *Int J Educ Technol High Educ* 18, 34 (2021).
5. Pham, Thi. (2022). Effects of Using Technology to Engage Students in Learning English at a Secondary school. *International Journal of Language Instruction*. 1. 86-98. 10.54855/ijli.22118.