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## METHODOLOGICAL BASIS OF DEVELOPING STUDENTS' LANGUAGE SKILLS THROUGH DIGITAL TECHNOLOGIES

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### ABSTRACT

This article discusses the methodological foundations of using digital technologies in the development of students' language skills. In the current era of globalization, digital technologies are an integral part of the educational process, which serve to increase the effectiveness of students' language learning. The article examines in detail the methods of using digital tools to develop language skills - listening, speaking, reading and writing.

The article also analyzes the use of digital platforms and multimedia tools (podcasts, video tutorials, interactive programs) in the educational process. The possibilities of creating individual learning plans using digital resources and adapting classes taking into account the abilities of students are described. In addition, the article discusses the role of digital technologies in strengthening interaction between teachers and students, the advantages and disadvantages of their use in distance learning.

### KEYWORDS

Digital technologies, language skills, interactive teaching methods, multimedia tools, distance learning, individual learning, digital platforms.

### INTRODUCTION

The modern world is changing rapidly, and this process is also having an impact on the education sector. Today, digital technologies are not just a tool, but are forming a whole new educational culture. In particular, the process of language learning has not been left out of these changes. With the help of information and communication technologies, it is now possible to engage with educational materials anywhere, at any time. For students, this is not just convenience, but a new way of self-development, a door to unlimited opportunities.

Learning a language is not only mastering foreign languages, but also understanding new cultures, forming the ability to communicate with different peoples. However, this process often presents students with difficulties: lack of time, uninteresting traditional teaching methods, or insufficient educational materials. Digital technologies are emerging as a unique tool to solve these problems. Interactive programs, podcasts, online platforms, and auxiliary applications developed based on artificial intelligence make the language learning process more effective and interesting.

However, the process of using digital technologies is not limited to their availability alone. A special methodological approach is needed to select these tools appropriately, use them rationally, and ensure efficiency. Therefore, in this article, we will study the methodological foundations of using digital technologies in developing students' language skills. This is important not only for the effective organization of the learning process, but also for determining the future development directions of modern education.

## METHODOLOGY

The use of digital technologies in language teaching not only increases students' interest, but also makes the learning process interactive and effective. However, the success of this process largely depends on the proper organization of the methodological approach. This study examined various ways of using digital technologies to develop language skills and developed scientifically based approaches to increasing their effectiveness.

First of all, modern pedagogical approaches were used to define the methodological foundations of the study - interactive, cognitive and constructivist methods. These methods help to make students active participants in the learning process, to involve them in independent thinking and practical exercises. For example, by using interactive platforms, students have the opportunity to immediately check their knowledge by performing various exercises in real time.

In the process of our scientific research, special attention was paid to the development of the four main language skills (listening, speaking, reading and writing) using digital technologies. The advantages of using podcasts, audiobooks and video tutorials to develop listening skills were analyzed. For speaking skills, artificial intelligence-based programs, such as pronunciation checking applications and online chat platforms, were introduced. In the development of reading and writing, interactive text analysis programs, online grammar tests and automatic editing tools that strengthen writing skills were tested in practice. Methodologically, it was important to develop approaches that were tailored to the individual needs of students. For example, the adaptive features of digital platforms were studied to take into account the level of knowledge and abilities of students when creating individual learning plans. At the same time,

the issues of using virtual classrooms and video conferencing tools to effectively organize the learning process in distance education were also studied.

The methodological process also considered the limitations and difficulties in using digital tools. Practical recommendations were developed to provide students with technical tools, increase the level of digital literacy, and maintain motivation. As a result, universal methodological recommendations were developed for the effective use of digital technologies in language teaching, which can help not only teachers, but also independent learners.

Thus, this study offers methodological foundations aimed at discovering new ways to develop students' language skills by integrating the capabilities of digital technologies into the learning process. These methods certainly serve to enrich the teaching process with innovative approaches.

### **Literature review**

The role of digital technologies in the development of language skills has been widely covered in scientific research in recent years. Literature review has served to identify areas for increasing the effectiveness of digital technologies in language teaching. International studies have deeply analyzed methods of language teaching using digital technologies. For example, studies conducted by Chapelle show the effectiveness of computer-assisted learning[3] (CALL) in language teaching. This approach provides students with interactive tools in the process of learning listening, speaking, and grammar. Prensky[6] justified the need to apply the concept of the "digital generation" in the educational process. According to him, modern

students learn faster and more effectively with the help of digital tools.

Digital versions of the communicative approach proposed by Richards and Rodgers show that online platforms can serve to develop students' communication skills[7]. The use of podcasts and audiovisual media has also been examined in a number of scientific studies. Lynch investigated the benefits of developing listening skills and increasing vocabulary through podcasts[5].

Several studies have been conducted in Uzbekistan on the issue of teaching foreign languages using digital technologies. In particular, the research conducted by S. Yusupov highlights the experiences of teaching students foreign languages using digital platforms[8]. This study considers the advantages and limitations of introducing digital tools in the national education system. H. Abdurakhmonov also presents detailed analytical views on the innovative potential of digital educational technologies in the teaching process[2].

During the analysis of the literature, several advantages of teaching languages using digital technologies were identified:

- ensuring an individual approach;
- encouraging students to work independently;
- increasing the interest and interactivity of the learning process;
- expanding the possibilities of distance learning.

However, the analysis shows that there are technical problems in the process of using digital technologies, the need to increase students' digital literacy, and the issues of teachers' adaptation to new tools. To solve

these problems, it is important to develop a scientific approach and methodological recommendations. The analysis of scientific literature helped to identify the place of developing language skills in students through digital technologies and to study the possibilities of their effective application in practice.

## **DISCUSSION**

Today, digital technologies have become an integral part of the language learning process. Their use creates new opportunities not only for students, but also for teachers. The results of this study show that the effectiveness of developing language skills using digital tools depends, first of all, on the right methodological approaches. Also, innovative approaches adapted to the needs and abilities of students can make the learning process more effective.

The analyzed results show that with the help of interactive platforms and multimedia tools, students can successfully develop basic language skills such as listening, speaking, reading and writing. In particular, podcasts and audiobooks play an important role in developing listening skills, while virtual chat platforms encourage students to communicate in real time. However, the effectiveness of these tools depends on how students use them and the extent to which the teacher manages the process.

The importance of digital tools in distance learning is of particular importance during the discussion. Creating a comfortable and adapted learning environment for students in distance learning requires the effective use of the technical capabilities of digital tools. At the same time, students need to have self-management and effective time management skills. For example, digital

platforms help to systematically offer educational materials and create individual learning plans for students.

At the same time, the issue of adapting to new technologies is important for teachers. As found out during the study, not all teachers are qualified to use digital tools. Therefore, it is necessary to introduce special programs for training and improving the skills of teachers in order to effectively use digital technologies. In addition, the problem of technical equipment and access to the Internet for students was also discussed. As a solution to these issues, measures are recommended to strengthen the technological infrastructure in the education system.

With the help of digital technologies, students not only develop language skills, but also form independent learning and self-assessment skills. However, to make this process interesting and effective, interactivity and relevance of materials should be ensured. It is also important to maintain student motivation during the learning process. Because in digital education, students can quickly get tired or lose interest. In general, the possibilities of language teaching through digital technologies are very wide. The results of the study show that in order to effectively organize this process, it is necessary to strengthen cooperation between teachers and students, introduce new approaches and create mechanisms for managing their use. This will not only facilitate the process of students' learning, but also make them competitive specialists for global communication.

In today's digital era, enriching the educational process with technology is not only a necessity, but also the key to success. The use of digital technologies in the field of language learning makes the learning process



effective, interesting and interactive. The methodological approaches and experiences analyzed in this study show that there are great opportunities for developing students' basic language skills such as listening, speaking, reading and writing with the help of digital tools. The role of digital platforms, podcasts, virtual chat rooms, audiobooks and other tools in the learning process was analyzed. Through these tools, students not only acquire new knowledge, but also form communication skills, effectively manage time and develop independent work skills. The convenience of digital technologies helps to more actively involve students in the educational process, but their successful use requires the right methodological approach. At the same time, it is important to solve the problems encountered in the use of digital tools. It is necessary to develop special programs to train teachers in new technologies and increase students' digital literacy. Issues such as technical infrastructure, lack of Internet access, and digital tools can affect the quality of education. By addressing these issues, it will be possible to fully master digital technologies and integrate them into the learning process.

## CONCLUSION

Summing up the analysis of scientific research, it is necessary to ensure the harmony of pedagogical and technological approaches in order to increase the effectiveness of developing language skills through digital technologies. This process will not only increase the level of knowledge of students, but also serve to form their culture of independent learning. By properly directing digital educational tools, we will not only educate modern knowledgeable young people, but also bring them to the level of competitive specialists in the global arena. Therefore, one of the most important tasks today is to further study and develop

the role of digital technologies in shaping the education system.

## REFERENCES

1. Resolution of the President of the Republic of Uzbekistan No. PQ-6079 dated November 6, 2020. On measures to introduce digital educational technologies.
2. Abdurahmonov, H. (2021). Ta'limda innovatsion texnologiyalarning qo'llanilishi. Samarqand: Samarqand davlat universiteti nashriyoti.
3. Chapelle, C. A. (2003). English Language Learning and Technology: Lectures on Applied Linguistics in the Age of Information and Communication Technology. Amsterdam: John Benjamins Publishing.
4. Mayer, R. E. (2009). Multimedia Learning. New York: Cambridge University Press.
5. Lynch, T. (2018). Teaching Listening: New Insights for Developing Listening in Language Education. Oxford: Oxford University Press.
6. Prensky, M. (2001). Digital Natives, Digital Immigrants. On the Horizon, 9(5), 1-6.
7. Richards, J. C., & Rodgers, T. S. (2014). Approaches and Methods in Language Teaching. Cambridge: Cambridge University Press.
8. Yusupov, S. (2020). Raqamli texnologiyalar yordamida chet tillarini o'rgatish metodikasi. Toshkent: Fan nashriyoti.
9. Madina Isakova, TA'LIMDA FIN TAJRIBASI VA O'QITUVCHILAR TAYYORLASH TIZIMI , Nordic\_Press: Tom 1 № 0001 (2024): SCIENTIFIC MATERIALS OF NORDIC
10. Madina Isakova , TALABALARNING RAQAMLI TEXNOLOGIYALAR ORQALI TIL KO'NIKMALARINI RIVOJLANTIRISHNING METODIK ASOSLARI (2-sho'ba) , Nordic\_Press: Tom 4 № 0004 (2024):

"YOSHLARNING IJTIMOIIY-IQTISODIY FAOLLIGINI  
OSHIRISH: DAVLAT SIYOSATI VA IMKONIYATLAR"  
ilmiy-amaliy konferensiyasi to'plami

11. Madina Isakova, Integrating Social Networking tools into ESL Writing Classroom: Strengths and Weaknesses , Nordic\_Press: Tom 2 № 0002 (2024): Nordic Academic Materials Proceedings
12. Madina Isakova, SIOP Lesson Plan , Nordic\_Press: Tom 2 № 0002 (2024): Nordic Academic Materials Proceedings
13. Madina Isakova, The Merits and Demerits of Teaching Foreign Languages Using Online Tools , Nordic\_Press: Tom 3 № 0003 (2024): Nordic Studies in Academic Research
14. Madina Isakova, Improving Four Language Skills Through Emerging Technologies: A Comprehensive Analysis , Nordic\_Press: Tom 3 № 0003 (2024): Nordic Studies in Academic Research
15. Madina Isakova, THE DIFFERENCES BETWEEN UZBEK AND FINNISH EDUCATION SYSTEMS , Nordic\_Press: Tom 3 № 0003 (2024): Nordic Studies in Academic Research
16. Isakova, M. (2024). Identity, Language Learning, and Critical Pedagogies in Digital Times. Nordic\_Press, 2(0002).
17. Karimova, N. S., Isakova, M. B., & Abdurazikova, D. U. (2021). EFFECTIVENESS OF CASE STUDY IN TEACHING FOREIGN LANGUAGES. Экономика и социум, (4-2 (83)), 900-902.

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