

THE ROLE OF INFORMATION TECHNOLOGY IN LANGUAGE LEARNING

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Abstract: This article discusses the benefits of using modern information technology in teaching foreign languages.

Key words: educational process, information technology, didactic materials, technical means.

In recent years, the transition of humanity into an information society has had a significant impact on the education system. Traditional teaching methods have given way to modern technologies, necessitating a reevaluation of the educational process. Knowledge acquired in school or college quickly becomes outdated, and classical approaches to learning no longer meet the demands of the time.

Information technology plays a key role in all stages of human development and holds a leading position among advanced technologies in modern society. One of the main features of contemporary pedagogical methods is the active use of didactic materials and technical tools that enhance learning efficiency. Practice shows that information technology has become an essential tool for managing the educational process. Its application is determined by two main factors: the development of didactic materials for effective learning and teachers' readiness to utilize technical tools and methodologically sound materials in their work.

The use of information technology in education helps achieve the following objectives:

- Developing students' individual abilities, cognitive activity, and desire for self-improvement;
- Comprehensive study of phenomena, establishing connections between different sciences and the arts;
- Constant updating of content, methods, and forms of teaching.

For a teacher to timely identify and address gaps in students' knowledge, they must understand their students well and be able to make accurate pedagogical diagnoses. This process is more complex than traditional methods and requires a high level of qualification and competence. Computers and digital technologies are not an end in themselves but serve as tools for expanding educational opportunities, immersing students in the digital world, and personalizing learning.

Modern technologies also contribute to improving the quality of education through the use of interactive textbooks, projectors, electronic boards, and multimedia materials. This increases the volume of visual information and optimizes study time. Computer technologies make the educational process more diverse, engaging, and productive. They help prevent fatigue and loss of interest among students, foster cognitive activity, develop creative potential, and promote self-development.

Information technologies are especially effective in the following cases:

- Explaining new material using visual and multimedia tools, allowing students to perceive information both audibly and visually;

- Conducting electronic tests and assessments, which reinforce knowledge and develop digital competencies;
- Performing virtual laboratory work, which saves time and eliminates potential risks.

Additionally, students can use technology for independent research, preparing presentations, and working on projects, which enhances their analytical and creative skills. Today's educational process requires not only the transmission of information but also teaching students how to independently search for, process, and analyze data.

In a traditional lecture format, maintaining students' attention is becoming increasingly difficult. Therefore, educators must adopt a creative approach, incorporating game elements and interactive teaching methods that motivate students to participate actively. Gamification of the learning process, competitions, and reward systems help increase student interest in education. Before presenting new material, it is essential to assess students' knowledge levels and then supplement information with visual aids, multimedia, and additional resources. A crucial aspect of the educational process is students' independent work and active participation in learning activities, which contributes to their intellectual and personal development.

Interactive methods not only help reinforce knowledge but also foster independent thinking, discussions, and teamwork skills. They make the learning process more effective and meaningful, turning education into an engaging and enriching experience. The development of education can be compared to building a bridge of knowledge that leads to progress and self-fulfillment for each student.

Furthermore, the integration of artificial intelligence (AI) and adaptive learning systems has revolutionized the educational landscape. AI-powered platforms can analyze students' progress and suggest personalized learning paths, catering to individual needs and capabilities. These systems enable teachers to track performance trends, identify knowledge gaps, and provide timely feedback, ensuring a more customized and effective learning experience.

Another significant advantage of information technology in education is the ability to facilitate distance learning. Online courses, virtual classrooms, and e-learning platforms provide access to quality education regardless of geographic location. This is particularly beneficial for students in remote areas, individuals with disabilities, and those seeking flexible learning opportunities. The global expansion of online education has also led to increased collaboration between educational institutions, allowing for the exchange of resources and expertise on an unprecedented scale.

However, the widespread use of technology in education also presents challenges. One of the primary concerns is the digital divide, which refers to the gap between individuals who have access to modern technology and those who do not. Socioeconomic disparities can limit students' ability to benefit from digital learning resources, exacerbating educational inequalities. Addressing this issue requires government and institutional efforts to ensure equal access to technology for all students.

Another challenge is the potential over-reliance on technology, which may diminish critical thinking and problem-solving skills if not used judiciously. While digital tools enhance learning, they should complement rather than replace traditional teaching methods. The role of educators remains crucial in guiding students to develop analytical skills, creativity, and ethical reasoning.

Moreover, the rise of digital education necessitates a focus on cybersecurity and data privacy. Educational institutions must implement robust measures to protect students' personal

information from cyber threats. Teachers and students alike should be educated on safe online practices to mitigate risks associated with digital learning environments.

Looking ahead, the future of education will likely involve even greater integration of emerging technologies such as virtual reality (VR) and augmented reality (AR). These immersive tools have the potential to transform learning experiences by creating realistic simulations and interactive environments. For instance, medical students can practice surgical procedures in a virtual setting, while history students can explore ancient civilizations through AR applications.

In conclusion, the transition to an information society has profoundly reshaped education, making it more dynamic, interactive, and accessible. While challenges remain, the strategic implementation of technology can enhance learning outcomes, foster lifelong learning, and prepare students for the digital era. The key lies in striking a balance between innovation and traditional pedagogy, ensuring that education remains a powerful tool for personal and societal advancement.

References:

1. Polat, E. S. Modern Pedagogical and Information Technologies in the Education System: [Text]: Study Guide / E. S. Polat, M. Y. Buxarkina. – Moscow: Akademiya, 2013.
2. Kasymov, S. S. Information Technology. Learning Guide. "Kommunikator," 2006.
3. Pronina, E. N., & Lukashevich, V. V. Psychology and Pedagogy: Textbook for University Students. – Moscow: Elit, 2004.
4. Tursunov, I. N., & Otajonova, Sh. Sh. The Role of Modern Information Technologies in Foreign Language Learning. / I. N. Tursunov, Sh. Sh. Otajonova. – Young Scientist. – 2020. – No. 17 (307). – pp. 144-146.