Левченко Олена Леонідівна,

Відокремлений структурний підрозділ

«Класичний фаховий коледж Сумського державного університету»

EFFECTIVENESS OF INFORMATION AND DIGITAL TECHNOLOGIES IN LEARNING FOREIGN LANGUAGES

The intensive development of new information and communication technologies is an inevitable reality of our time which outlines further economic growth and development of society as a whole. The global COVID-19 pandemic and the full-scale war in Ukraine have affected various social spheres and processes of life in our country, including the educational process, accelerating the digitalization process in this area. The issue of distance education and the introduction of the latest digital technologies has become increasingly relevant, setting educational institutions the task of providing students with high-quality, accessible teaching, which would be hampered without the use of information and digital technologies.

The word "digitalization" is derived from the English "digitalization," which means "digitization" or the transfer of information into digital form. Today, it is used much more widely to refer to changes in all spheres of public life that are associated with the use of information and digital technologies [3]. The essential characteristics of digital technologies are:

- interactivity, provided by interactive multimedia resources that can improve learning and interest of students;

- accessibility of education for more people, regardless of location, physical abilities or socioeconomic status;

- improving accessibility and facilitating better exchange of information with colleagues within Ukraine and around the world;

- availability of assessment and feedback facilitates the learning process and helps to track progress over time;

- collaboration: online tools allow students to collaborate with their teachers in real time, regardless of geographic location;

- flexibility: online learning platforms and educational technologies allow learners to study at their own pace, on their own schedule, and from anywhere;

- sharing of resources: digital technologies allow for the easy exchange of educational resources, including videos, images, audio files, and documents, between learners and teachers;

-ease of use: digital technologies are user-friendly and accessible to people of all ages and abilities, making it easier for teachers and students to adopt and integrate them into the learning [1].

Thus, the education of the future involves learning new languages and cultures, meeting new people, virtual travel, acquiring knowledge and skills, and providing access to any educational content on the Internet. Learning foreign languages has been significantly transformed, made easier and more effective with the introduction of information and digital technologies into the educational process. They offer a range of tools and resources that can make the learning process more engaging, interactive and accessible. Some of the ways in which digital technologies can be used to teach foreign languages are listed below.

Learning Management Systems (LMS): platforms such as Blackboard, Canvas, and Moodle are used to provide online access to course materials, assignments, and assessments. A learning management system (LMS) provides a centralized platform through which educational institutions and companies can deliver online training. It makes the entire process of educating students, engaging employees in learning, and developing various skills cost-effective.

Online language courses: websites such as Duolingo, Babbel, and Rosetta Stone offer interactive language learning that can be completed online.

Video conferencing tools: Zoom, Skype and Google Meet, etc. are online tools for organizing synchronous interaction during distance learning and are used to facilitate virtual language classes and collaboration between learners and teachers.

Mobile apps: mobile apps such as Memrise, Anki, and Quizlet are popular digital learning tools that help people memorize and retain new information. Quizlet is particularly popular with learners, a web-based mobile app that provides learning tools such as flashcards, learning games, and quizzes to help learners of all ages memorize information. Quizlet offers millions of pre-made study sets created by other users, as well as the ability to create your own study sets. The platform also includes features such as interactive diagrams and the ability to record and play audio, making it easy to learn a wide range of subjects.

Interactive multimedia resources: websites such as Quizlet and Kahoot, as well as interactive multimedia resources such as videos and animations, can provide a more engaging learning experience [2].

Virtual and augmented reality technologies are immersive learning methods and have the potential to become a major tool in education, revolutionizing the way students learn. Teachers can use virtual and augmented reality to interact with different objects in three dimensions, which will help learners to better understand complex information and acquire new skills. Virtual and augmented reality can be used to create immersive language learning experiences, for example, by allowing students to practice speaking with virtual language partners. Digital reality has already become an integral part of our lives, so the digitalization of all sectors of the economy is inevitable.

The digital transformation of education opens up great prospects for improving the efficiency of the educational process, deepening the professionalism of teachers, and the use of information and digital technologies increases the interest of students in learning and helps to increase their motivation to learn a foreign language. The involvement of Internet resources in the learning process, as well as the use of mobile applications, increases the effectiveness of the learning process and accelerates it.

LIST OF REFERENCES

1.   Dolbnev D. V. Simply about the complex "Digitalization as an inevitable process of progressive development of the Ukrainian economy". URL: https://financial.lnu.edu.ua/news/prosto-pro-skladne-didzhytalizatsiia-iaknemynuchyy-protses-prohresyvnoho-rozvytku-ukrainskoi-ekonomiky.

2.   Strutynska O. V., Umryk M. A. Educational trends in the development of digital society: http://www.innovpedagogy.od.ua/archives/2020/26/42.pdf

3.   Wikipedia. URL: https://en.wikipedia.org/wiki/Digital_transformation