

ПЕДАГОГІЧНІ НАУКИ

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THE IMPORTANCE OF USING DIGITAL TECHNOLOGY IN TEACHING ENGLISH

The involvement of digital technologies in various spheres of human life has become a leading trend in the development of society. One of the main tasks is to use innovations in the educational process, which make it possible to expand the scope of one's horizons.

The modern educational space is being formed and improved at an incredible speed. A variety of learning resources and information available on the Internet assist in acquiring or gaining additional knowledge in a specific area, such as teaching English.

This article examines the role of using digital technologies in teaching English, which allow to increase students' motivation for learning, stimulate the development of skills in English learning, promotes the development of critical thinking skills and full immersion in the language environment.

Keywords and phrases: digital technology; innovative teaching; English language; teaching process; communication.

In the 21st century, digital technologies are an integral part of every person's life and are aimed at modifying all spheres of life. The rapid introduction of technology has had a significant impact on modern person and society as a whole. Digital technologies are used in science, healthcare, business, as well as in other spheres of life.

In the modern labor market, there is a demand for teachers who are ready to improve their knowledge and apply new technologies in the teaching process.

The need to use innovative technologies is dictated by the needs of modern education to increase the effectiveness of learning, in particular, the need to develop skills for independent learning, search activities, research, creative approach to learning, formation of critical thinking of modern schoolchildren [2].

Mastering new motivational environments for language learning, including virtual reality, are the main and necessary elements of the modern learning process.

Analysts at ABI Research say that by 2022 the global market for VR and AR learning will bring in around 6.3 billion dollars in revenue [11].

The digitalization of education is aimed at developing and using various kinds of innovations, increasing the efficiency of the educational system as a whole [6].

Advantages in the application of technologies lie in the independent search for information on the Internet, the use of virtual, augmented and mixed reality technologies, cloud computing and others, which involves the integration of both public and private entrepreneurial efforts [7].

With unlimited and quick access to authentic materials of the culture being studied via the Internet, language teachers can now create meaningful assignments and contact environments. Direct access to language and culture also expands the possibilities of learning a foreign language beyond the classical lessons, where the only source of knowledge is the teacher. Students are given the opportunity to independently practice a foreign language in a real and fulfilling environment. In classrooms equipped with Internet technologies, students have access to numerous information resources on a variety of multimedia tools. They promote research, comparison, opposition and development of knowledge about the studied language and culture.

Digital technologies inevitably entail a reorganization of the entire educational process and the need to study new possibilities in theory, and subsequently the ability to apply them in practice [5].

Most scientists have come to the conclusion that the use of an asynchronous forum for learning contributes to the activation of students' work

[1;4]. Other emotional factors, such as decreased anxiety, increased motivation, have also been identified with the use of synchronous means [4].

Digital technologies make it possible to integrate the visualization method into the cognition process, which in turn contributes to the formation of professional thinking by systematizing and highlighting the most significant learning elements. The visualization process is the folding of mental contents into a visual image that can be expanded and can serve as a support for adequate mental and practical actions.[3]

According to Norton P., almost any form of visual information contains elements of problemat�city, the resolution of which is carried out on the basis of analysis, synthesis, generalization, reduction or deployment of information [10]. Moreover, the higher the problemat�city of visual information, the higher the intensity of the student's mental activity. Thus, the visualization of educational information by means of DT contributes to a more intensive assimilation of the material, orientates the student to the search for systemic connections and patterns.

According to Pejbert S., the computer “makes it possible to personify formal thinking” [8]. From this point of view, DT are not just a teaching tool.

The computer is unique in its capabilities, since it is used to concretize knowledge that is assimilated through the mastery of formal operations. Such concretized knowledge includes all the elements necessary to master the means of formal thinking.

Integration of DT into the educational process also contributes to the development of the creative factor of the student's thinking abilities due, first, to the reorganization of the cognitive process, during which the student becomes a creator; secondly, the fact that educational material becomes a means of achieving a creative goal. Pozdnyakov V. A. in his work notes that the use of a computer in the learning process forms in students both algorithmic and figurative thinking, and the importance of this component of thinking abilities is very great, because “the mental activity of a person in no case should copy the system thinking computer” [9].

Thus, teaching using digital technologies provides an opportunity to captivate students, increase their motivation for independent language learning, overcome the language barrier and reduce anxiety, develop a positive attitude of students towards learning English, characterized by systematic academic work, academic satisfaction, and future success of professional activities.

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ВАЖЛИВІСТЬ ВИКОРИСТАННЯ ЦИФРОВИХ ТЕХНОЛОГІЙ В НАВЧАННІ АНГЛІЙСЬКОЇ МОВИ

Участь цифрових технологій в різних сферах життя людини стала провідною тенденцією розвитку суспільства. Одним з основних завдань є використання інновацій в освітньому процесі, які дозволяють розширити кругозір.

Сучасний освітній простір формується і вдосконалюється з неймовірною швидкістю. Різноманітні навчальні ресурси і інформація, доступні в Інтернеті, допомагають у набутті додаткових знань в певній галузі, такій як навчання англійської мови.

У даній статті розглядається роль використання цифрових технологій в навчанні англійської мови, які дозволяють підвищити мотивацію учнів до навчання, стимулюють розвиток навичок вивчення англійської мови, сприяють розвитку навичок критичного мислення і повного занурення в мовне середовище.

Ключові слова і фрази: цифрові технології; інноваційне навчання; англійська мова; навчальний процес; комунікації.

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ВАЖНОСТЬ ИСПОЛЬЗОВАНИЯ ЦИФРОВЫХ ТЕХНОЛОГИЙ В ОБУЧЕНИИ АНГЛИЙСКОГО ЯЗЫКА

Участие цифровых технологий в различных сферах жизни человека стало ведущей тенденцией развития общества. Одной из основных задач является использование инноваций в образовательном процессе, которые позволяют расширить кругозор.

Современное образовательное пространство формируется и совершенствуется с невероятной скоростью. Разнообразные учебные ресурсы и информация, доступные в Интернете, помогают в приобретении дополнительных знаний в определенной области, такой как обучение английского языка.

В данной статье рассматривается роль использования цифровых технологий в обучении английского языка, которые позволяют повысить мотивацию учащихся к обучению, стимулируют развитие навыков изучения английского языка, способствуют развитию навыков критического мышления и полного погружения в языковую среду.

Ключевые слова и фразы: цифровые технологии; инновационное обучение; английский язык; учебный процесс; коммуникации.