VIRTUAL POSSIBILITIES OF TEACHING UZBEK LANGUAGE

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**Annotation.** This article presents a number of innovations, virtual convenience and problems of teaching the Uzbek language, the role of technology in education, interactive methods in the educational process today, innovative technologies, pedagogical and information technologies in the learning process. The growing interest in the application of modern technologies allows students to search for their own knowledge, study and analyze it independently, and even draw their own conclusions. given. In addition, the article provides for the virtual convenience of teaching the Uzbek language, is the introduction of online or distance learning system to significantly improve the quality of education.

**Key words:** virtual, ICT, education, technology, science, internet, innovation

**Аннотация**. В данной статье представлен ряд нововведений в преподавании узбекского языка, виртуального удобства и проблем, роли технологий в образовании, интерактивных методов в образовательном процессе сегодня, инновационных технологий, педагогических и информационных технологий. Интерес к применению процесса растет день ото дня, современные технологии позволяют студентам искать свои собственные знания, самостоятельно изучать и анализировать, и даже делать свои собственные выводы. замечательный. Кроме того, в статье предусмотрено виртуальное удобство преподавания узбекского языка, то есть внедрение системы онлайн или дистанционного обучения, позволяющей значительно повысить качество образования.

**Ключевые слова:** виртуал, ИКТ, образование, технологии, наука, интернет, инновации

 “World experience shows that the role and importance of information and communication technologies in the global economy, including computer and telecommunications technologies, software development and the provision of a wide range of interactive services based on them, is growing. We must not forget that the development of information and communication technologies affects the level of competitiveness of the country, allows to collect and summarize large amounts of information, opens up a wide range of opportunities for strategic management ”[p. 4.36]. Language is a mirror of the nation's spirit. In human activity, language serves as a means of knowing existence and exchanging ideas. The knowledge accumulated by mankind through language is not only recorded and stored, but also passed down from generation to generation. Language is about being unique. “Learning a mother tongue is not only the acquisition of grammatical structure, concepts, definitions and theoretical information, but also the acquisition of skills to accurately and fluently express ideas in oral and written forms using its rich potential. is also to improve their language skills through the knowledge imparted to the students. Unless the knowledge of the language becomes a skill, it will remain useless ”[p. 6.31].

 President of the Republic of Uzbekistan Shavkat Mirziyoyev on March 19, 2019 "On strengthening the attention to youth, their involvement in culture, arts, physical culture and sports, inculcating in them the skills of using information technology, promoting reading among young people, increasing women's employment He had put forward 5 important initiatives. The third of these initiatives is aimed at promoting the effective use of computer technology and the Internet among the population and youth. Particular attention is paid to protecting young people from harmful attacks on the Internet and teaching them to use information technology effectively ”[p. 8.2]. The period requires the widespread use of advanced pedagogical technologies, information and communication tools, interactive and innovative methods in teaching the Uzbek language. Today, several different methods of innovative educational technologies have been formed. When they are used extensively and in a variety of ways to cover a topic in the classroom, the effectiveness of the lesson is high, resulting in an increase in students' knowledge and interest in the lesson. Of course, teaching methods are chosen depending on the content of the subject and the subject, the purpose and type of the lesson, the age category of the students and the level of preparation. The current system of education actively uses information and communication technologies that meet the requirements of the STS, such as critical analysis, design and development of teaching, problem-based learning, modules, cases, group work. This century, known as the "Computer Age", has given impetus to the development of ICT (Information and Communication Technology) and virtual networks for teaching the Uzbek language in Uzbekistan. Due to these facilities, classrooms in higher and secondary special education and preschool education institutions of the country are equipped with new information and communication technologies. Internet access is available online in each classroom. The use of such modern and innovative ICTs increases the quality and effectiveness of education. “We want our children to grow not only physically and spiritually healthy, but also as a harmoniously developed generation with the most modern intellectual knowledge, fully developed and fully meeting the requirements of the XXI century. We aim to create all the necessary opportunities and conditions for its achievement ”[p. 4.34]. New pedagogical technologies and their role in achieving this goal are invaluable.

 The 21st century is witnessing significant changes in the socioeconomic development of the world, especially in the intellectual development. In this process, training and retraining of staff is important, which in turn necessitates the use of dictionaries when working with information. Accordingly, the emerging network of linguistic-didactic educational lexicography in linguistics, Uzbek computer lexicography is also developing in line with modern requirements. At present, there are effective methods of teaching the Uzbek language, ie in order to further improve the Uzbek language, electronic dictionaries, audio books, electronic libraries, in order to quickly and easily learn the Uzbek language mobile applications are being developed. Today, the work on improving the quality of education, the convenience of teaching the Uzbek language is carried out in the most important and topical areas through computer linguistics and corpus linguistics. The scientific research of Nilufar Abdurahmanova, Doctor of Philosophy in Philology, has a special place in the implementation of such a large-scale work. “Terms such as computer linguistics, machine translation, language technology, natural language processing, and artificial intelligence technology are frequently used in the language industry today. Each has its own evolution through human-created linguistic resources. Electronic corpuscles are now considered to be one of the main types of linguistic resources. In recent years, text corpus has become one of the most important objects of study in the world of computer linguistics (NLP) and various fields of linguistics. However, in Uzbek linguistics, there is no serious practical research on the corpus, but the goal is to do it. Therefore, one of the most important tasks of Uzbek linguistics today is to create an Uzbek national corps ”[p. 2.2].

 The literature states: “Dictionaries can be divided into two types in terms of Internet connectivity:

1. Web dictionaries.

2. Dictionaries in apk format.

    When you type a word into the search bar, all the comments in the dictionary will appear. To do this, you need to install the MySQL Database Management System (MBBT) on your PC. It is important that the dictionary works as if it were online, even when it is offline. It is also necessary to create an e-learning dictionary in several languages.

      On Android phones, when the application is launched, four windows will appear on the screen:

- part of the dictionary;

- an offline test section that creates an online environment for lesson reinforcement, i.e. a book-based test database;

- part of an educational game. This section may refer to various mind-numbing game patterns according to the sociological dimension;

- The last window of the program provides information about the e-mail address and structure of the program. You can also link to an electronic version of a book with a dictionary, or create your own dictionary using a ready-made program. The app is user-friendly and allows you to use electronic glossaries of all textbooks using a single mobile app. Under this program, not only high school and high school students, but also university students have the opportunity to create their own dictionaries. With the help of e-learning dictionary, students will be able to independently master the concepts of science, to use computer and mobile devices consciously and effectively, with the ability to use time efficiently ”[p. 7.3].

 There are several benefits to using ICT. Of course, in the use of modern technology, it is important that students or learners also have access to and know these media. When using computers, a student can watch or listen to a variety of slides, videos, cartoons, and other programs related to the subject. This helps the child to remember for a long time, and through them the student's interest in science and the effectiveness of teaching increases. The use of modern computers in the educational process is one of the most important tools in the coverage of the topic and the delivery of relevant topics to the student. During the lesson, students will be able to remember information from interactive whiteboards, multimedia tools and computer technology based on tables and diagrams. There are also virtual conveniences for teaching Uzbek. This allows students and learners to implement a distance learning system. ICT and virtual networks save us time and energy. With the help of the virtual network, students or foreign students are now learning the Uzbek language effectively. Uzbek-language e-books will also improve the teaching system. ICT and virtual networks provide students with useful information to compete with. Multimedia lessons help students avoid boredom.

 In conclusion, the use of virtual networks and multimedia in the teaching of the Uzbek language strengthens the topic by seeing the theoretical information in reality, the growth of oral communication and the effectiveness of education as a result of online communication. , through the organization of non-traditional education to increase students' interest in science, to save time as a result of reduced learning time, to keep the acquired knowledge in memory for a long time and to apply it in practice when necessary . The stronger the knowledge, the more the intellectual potential of the student develops and matures. Traditional training is gradually giving way to intensive and interactive methods, non-traditional teaching methods. Implementing such important tasks as cultivating a harmoniously developed person who is loyal to the motherland, respects national and universal values, can think creatively and independently, feels his duty and responsibility to the state, society and family, instills the idea of ​​national independence in their minds and hearts increase. Today's rapidly changing economic, social and spiritual life requires the widespread use of new pedagogical interactive methods to shape the worldview of young people or students.

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