EFFECTIVE USE OF DIGITAL TECHNOLOGIES IN SCHOOL MANAGEMENT

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Annotation: In this article, due to today's development, the digital environment is rapidly entering the education system. In particular, in many schools of Uzbekistan, electronic diaries and magazines, interactive electronic boards, computers, tablets, video cameras are effectively used in the process of education and training. It was also analyzed that due to the conditions created for the use of high-speed Internet in schools, it is possible to use interactive databases, various information resources, educational platforms.

Key Terms: Digital technology, computer, tablets, video camera, internet, digital technologies, IT industry, videos, video dictation, cybercrime.

Annotatsiya: Ushbu maqolada bugungi kun taraqqiyoti bois ta'lim tizimiga ham raqamli muhit shiddat bilan kirib kelmoqda. Xususan, O'zbekistonning ko'plab maktablarida elektron kundalik va jurnallar, interaktiv elektron doskalar, kompyuter, planshetlar, videokameralardan ta'lim va tarbiya jarayonida unumli foydalanilib kelinmoqda. Shuningdek, maktablarda yuqori tezlikdagi internetdan foydalanish uchun yaratilgan sharoitlar hisobiga interaktiv baza ma'lumotlari, turli axborot resurslari, o'quv platformalaridan foydalanish imkoniyati paydo bo'lmoqdaligi tahlil etilgan.

Tayanch iboralar: Raqamli texnologiya, kompyuter, planshetlar, videokamera, internet, raqamli texnologiyalar, IT sohasi, videoroliklar, videodiktantlar, kiberjinoyat.

Аннотация: В данной статье в связи с сегодняшним развитием цифровая среда стремительно входит в систему образования. В частности, во многих школах Узбекистана в процессе обучения и обучения эффективно используются электронные дневники и журналы, интерактивные электронные доски, компьютеры, планшеты, видеокамеры. Также было проанализировано, что благодаря условиям, созданным для использования высокоскоростного Интернета в школах, можно использовать интерактивные базы данных, различные информационные ресурсы, образовательные платформы.

Ключевые термины: Цифровые технологии, компьютер, планшеты, видеокамера, интернет, цифровые технологии, IT-индустрия, видео, видеодиктанты, киберпреступность.

As we all know, the implementation of digital technologies in all areas in our country has become one of the urgent tasks of today. In this regard, it is gratifying that comprehensive measures for the wide-scale introduction of modern information technologies are being implemented in all sectors. Due to today's development, the digital environment is rapidly entering the education system. In particular, in many schools of Uzbekistan electronic diaries and magazines, interactive electronic boards, computers, tablets, video cameras are used effectively in the process of education and training. Also, due to the conditions created for using high-speed Internet in schools, the opportunity to use interactive databases, various information resources, educational platforms is emerging. These opportunities serve as a solid foundation for more effective organization of education and upbringing process. The use of IT technologies in educational practice allows students to become up -to-date specialists in the future. They achieve excellence and leadership in every field they choose. Our country needs specialists who can meet the demands of tomorrow. Digital literacy and practical skills of young students are very important in

the current era of digitization of most industries around the world. Most of the world's scientists believe that the large-scale involvement of digitization in the educational process is very important for the 21st century. Media content on the Internet, interactive electronic textbooks are increasingly taking the place of traditional educational resources. The currently presented knowledge will be more understandable for students if they watch an interesting video , take an online test, and get to know the studied object virtually. In addition, the delivery of information in this way is more effective for children and will be stored in their memory for a long time. The fact that President Sh.M. Mirziyoyev declared 2020 as "the year of development of science and digital economy" indicates that this process should be developed more rapidly. The term "digital" means the active use of information technologies in all fields."The use of digital technologies has given many positive results in recent years and is widely used throughout our country. we need to master, which will allow us to take the shortest path to achieve comprehensive development. In today's world, digital technologies are playing a decisive role in all fields", his address further strengthened our attention to the development of the field. In his address, the President paid special attention to the development of the IT sector and IT Parks. In August 2022, at a meeting with representatives of the information technology sector, the President of the Republic of Uzbekistan called on the leaders of all sectors to prioritize digitization. This year - in February 2023, returning to this urgent issue, a meeting of video selectors was held on the issue of speeding up the digitalization process in sectors and regions. As can be seen from these data, digitization is the need of the hour. A number of important factors are necessary for the effective use of digital technologies in the educational process and the achievement of the expected positive results. These are:

- Competency of the educator to operate in the digital environment.
- Providing the school and especially the classroom with the necessary equipment for digital education.
- Literacy of students to operate in a digital environment.

devices (gadgets) of students for educational communication and activities.

Availability of content, content and methods of lessons given in class and outside of class for the effectiveness of digital education. The combination of the above-mentioned factors serves to ensure a strong position of the digital education system in schools for the implementation of important educational tasks. Along with all the teachers of Uzbekistan, we also followed the path of effective use of digital technologies in the educational process. We have online educational tests, thematic videos, video dictations, video essays, presentations, online newspaper, content on YouTube and Telegram channels, QR codes, which help to increase the efficiency of the teaching process. Online educational tests are the fastest and most convenient means of testing knowledge individually or in groups. Currently, there are many versions of such tests, and they are very effective for checking the acquired knowledge and drawing the necessary conclusions. Students find it very interesting to know the correct answer and result immediately when working online tests. It is possible to immediately see the mistake made, to learn what he did not know, to strengthen what he did not understand, to ask the teacher. There are currently 21 of our tests, the reason for their creation was the contest announced on the Telegram channel, and as an achievement we also won a monetary award. Tests created for the Telegram bot QuizBot receive positive reviews not only from students who have tried them, but also from other people. It is also good to prepare videos for each training session or for important historical dates and holidays. Image information is stored well in memory. The theme is well anchored while being understandable. Video dictation, presentation of video essays makes a great impression on students, develops literacy, encourages them to be creative and come up with new ideas. It is intended to involve students in the process of creating videos, to educate and raise the spirit of

creativity in them. The presence of high-speed Internet, convenient interactive whiteboards, and Smart TV in our school opens the door to great opportunities for teachers and students. The presence of all the conditions for immediately finding the necessary information and images and using them effectively is pleasing. We have created an online school newspaper in order to develop students' creativity, interest them in journalism, text creation, and copywriting. It includes samples of students' works, written articles, greetings to teachers, school life, news coverage, interesting information, jokes, instructive stories, holiday greetings. Pupils have the opportunity to express their opinions, react to an event or incident, communicate with their friends and teachers, develop their written speech and literacy. Since the education in our school is conducted in Russian, the online newspaper serves as a platform for our students to learn the Uzbek language and improve their oral and written speech. At the same time, this form of news sharing is creating the basis for the formation of the ability of our students to monitor the electronic media. Another useful tool in the classroom is the interactive whiteboard, which contains all the necessary possibilities for teaching. During the lesson, we use it as a writing board, as a device for searching information on the Internet, as a tool for showing science videos on the YouTube network, solving online tests, as a device for organizing various interactive games, and as a computer. This device is the teacher's closest assistant. In the course of school education, students who are closely acquainted with digital technologies, who themselves approach this field as a means of creativity and exercise, will be interested and have the opportunity to become participants in the "One Million Programmers" project of our country in the future. In conclusion, the expansion of the digital environment, the use of digital technologies in all aspects, creates the necessary need for their use in the education system. This, in turn, leads to the effectiveness of digital education through various factors. In our opinion, the literacy of the teacher and the learner in using digital educational opportunities, the availability of digital educational space, devices and resources are important. Our mission in the application of digital technologies in education is to find and use effective, effective and effective ways for our time, without harm to students and the content of education. Digital technology is a discrete system based on the methods of encoding and transmitting information, which allows to perform many different tasks in the shortest possible time. It is the speed and versatility of this scheme that has made IT technologies in great demand. The current state of the education system is characterized by the increasing role of non-traditional educational technologies. Learning by the learner with their help is much faster than with traditional technologies. These technologies change the nature of knowledge development, acquisition and distribution, deepening and expanding the content of studied subjects, quickly updating it, using more effective teaching methods, as well as significantly expanding educational opportunities for everyone. gives We answer the question of what is digital technology as follows: it is a modern form of economic management. in it, a large set of data in digital form and the process of their processing serve as the main factor of production and development. Using the obtained results in practice allows to achieve much greater efficiency compared to traditional forms of management.

Troubleshooting suggestions

Training of highly qualified personnel who meet the new requirements and basic competencies for the educational system

• Increasing the level of digital literacy of the population of the Republic

• Build critical 21st century skills in teachers and students to succeed in the digital world

• Application of the "FACE ID" device to the school and integration with other platforms. The need to increase digital literacy. Increasing digital literacy of the population and forming the skills of using technologies have become the main requirements and criteria of today's modern world. A simple example is the ability to use the Internet . According to some studies, as of January of this

year, there are 26.74 million Internet users and 5.35 million social network users in our country, which is 20% of the total Internet users. This means that the number of Internet users is almost 75% of the total population, but only 15% of the population can use social networks, one of the most common skills of today. In this regard, the issue of developing digital literacy and information culture of the population remains particularly relevant. For these purposes , the activity of digital technology training centers was gradually launched in all districts (cities) of the republic. Today, about 400 new jobs have been created in 205 digital technology training centers across the country, and in 2022, there will be more than 144,000 trainees, including 29,000 state employees and 115,000 youth professionals. increased. During 2023, a total of 180,000 young people and employees are planned to be trained in the field of IT in these centers. In addition, educational organizations, mass media and other resources have organized media literacy classes and information for the purpose of preventing and avoiding cybercrimes observed in the digital space. As a result of these activities, necessary skills are formed among the population, aimed at preventing phishing and other cybercrimes, starting with not giving personal digital data to third parties. At the same time, one of the most important conditions for the successful implementation of the "Digital Uzbekistan - 2030" strategy is to increase the digital literacy of the population. In particular, according to the Strategy, by providing 100% computer class to state pre-school education organizations, the formation of basic computer literacy skills is being carried out. In order to promote digital literacy among young people and to attract them to the computer programming and IT industry, the project "One million programmers" was introduced, and within the framework of this project, programming languages were taught to young people. Within the framework of the "One Million Programmer" project, a comprehensive program of measures aimed at identifying, training and providing employment to young people interested in the field of free education of the basics of computer programming in 2021-2022 was approved. Currently, more than 2.5 million users are registered within the "One Million Programmer" project, of which more than 1.7 million participants received training and obtained graduate certificates within the project. At the same time, a preferential loan in the amount of 8.2 million soums will be transferred to their personal plastic card for the purchase of a computer to young people who have obtained an IT certificate within the framework of "One million programmers" and educational residents of the IT-Park. year. In order to implement the logical next stage of the "One Million Programmer" project, an opportunity was created for young people to study in "Coursera" online courses through the Uzbekcoders platform. In 2023-2024, licenses will be obtained for 10,000 professional courses that provide access to all the content of the platform. During 2023-2025, 1.2 million young people will be trained in online courses in 8 areas. It should be noted that in 2019-2022, more than 1 million people acquired basic knowledge of digitization and obtained certificates within the framework of the "One Million Uzbek Developers" project. Digital literacy is the set of knowledge, skills and abilities necessary for life in the modern world, to use digital technologies and Internet resources safely and effectively. As a result of the comprehensive work on the formation of these necessary knowledge and skills, the foundation is being built for the interest in the IT field and for becoming the owners of this profession in the future. At the same time, the culture of correct use of digital platforms is being promoted among the population. In this situation, digital literacy serves as an important deterrent for cybercriminals and a way to reduce crime in the Internet space. Face ID technology is a system that can recognize a person by his face. The main function is performed by the camera. If the face initially programmed into the system is the same, then the sensor will respond positively. Don't be alarmed if the User's hairstyle or beard suddenly changes their usual appearance. The Face ID system can handle this difficult task as well. Features of Face ID Face ID performs many important functions for convenient use. In addition to unlocking, with the help of the face scanner, you can do the

following: pay through popular online stores; allow applications or browsers to use personal information. A special feature of Face ID is the limitation of the number of persons. No one but the owner can remove the lock. Error Probability The probability of an error in unlocking is one millionth of a percent. The facial recognition system cannot be fooled by printed photos or face models. All these cheat options are qualitatively provided by the developers when creating the technology. Features of Face ID In general, the system works very well, but if you make a conclusion about the performance of Face ID, it should be noted that there are still errors during operation. The percentage of successful attempts is 98%, which is a very bad figure for a company of this level. A seamless system of smartphone protection using Face ID may soon be created, but in the current environment, this is almost impossible.

CONCLUSION:

✓In conclusion, digitization of governance is a diplomatic process that will continue to evolve. It opens up new perspectives of modern education, innovations create a basis for new management, development of new educational models and improvement of educational quality.

✓Development of digital infrastructure: It is necessary to provide schools with high-speed internet, modern computers and other digital tools. This will speed up the learning process and make it more effective.

✓Extensive training and refresher courses should be conducted for teachers on the effective use of digital technologies. It improves the skills of teachers in using modern technologies.

✓It is necessary to develop and put into practice the necessary legal documents to strengthen data protection and security measures. This ensures the security of personal information

✓Teachers, students, and parents create a more interactive learning environment for the school through the skillful use of digital technologies.

✓In the process of education, teachers apply the capabilities of artificial intelligence to educational processes and form a competitive team of personnel in accordance with world standards.

✓The school prepares competitive graduates by creating radically new opportunities for education using the possibilities of the electronic environment - expanding the spectrum of imaginary transmission of information, modeling various situations in the process of role-playing games.

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