

O‘QITUVCHILARNI MALAKASINI RIVOJLANTIRISHDA SMART

TEXNOLOGIYALARNING O‘RNI

Samarqand davlat chet tillar instituti

Ingliz leksikologiyasi va

stilistika kafedrası katta o‘qituvchisi

Fayzullaeva Dilnoza Ubaydulloevna

ANNOTATSIYA

Ushbu maqolada ta'limda raqamli texnologiyalar orqali talabalarning ta'lim faoliyatini rivojlantirish masalalari muhokama qilinadi. Shu bilan birga, ta'limda raqamli texnologiyalardan foydalanish haqida qisqacha ma'lumot berilgan. Shundan so'ng ta'limdagi raqamli texnologiyalarning muammolari va kelajagi muhokama qilinadi. Axborot texnologiyalari QAYas umumiy bilimlarni tarqatish va barcha fanlar va sohalar bo'yicha ma'lumotlarni to'plash va jamlash uchun paydo bo'ldi va hozirda o'quv jarayonining asosiy kuchi hisoblanadi. Raqamli texnologiyalar va mobil qurilmalar O'zbekistonning chekka tumanlaridagi maktab va litseylar, kollej va oliy o'quv yurtlariga ham kirib kelgan bo'lib, o'quvchilar ulardan foydalanishi uchun pedagogik xodimlar uchun aqlli texnologiyalardan foydalanish mexanizmini ishlab chiqish zarur, deb hisoblanmoqda. erkin.

Kalit so'zlar: texnologiya, raqamli ta'lim, gadjet, universitet, maktab, mobil qurilma, muammolar, yechimlar, axborot tarqatish.

РОЛЬ SMART ТЕХНОЛОГИЙ В ПОВЫШЕНИИ КВАЛИФИКАЦИИ

ПЕДАГОГОВ

Самаркандский государственный институт иностранных языков

английская лексикология и

старший преподаватель кафедры стилистики

Файзуллаева Дильноза Ubaydulloevna

АННОТАЦИЯ

В данной статье рассматривается развитие образовательной деятельности студентов посредством цифровых технологий в образовании. При этом дается

краткая информация об использовании цифровых технологий в образовании. Затем следует обсуждение проблем и будущего цифровых технологий в образовании. Информационные технологии появились как для распространения общих знаний по всем дисциплинам и направлениям, так и для сбора и обобщения информации и являются основной силой в образовательном процессе. Цифровые технологии и мобильные устройства проникли в школы и лицеи, колледжи, вузы в отдаленных районах Узбекистана, и обсуждается необходимость разработки механизма использования интеллектуальных технологий педагогическими кадрами, чтобы учащаяся молодежь могла свободно ими пользоваться.

Ключевые слова: технология, цифровое образование, гаджет, вуз, школа, мобильное устройство, проблемы, решения, распространение информации.

THE ROLE OF SMART TECHNOLOGIES IN PROFESSIONAL DEVELOPMENT OF TEACHERS

Samarkand State Institute of Foreign Languages

English lexicology and

senior teacher of the Department of Stylistics

Fayzullaeva Dilnoza Ubaidulloevna

ANNOTATION

In this article is discussed the development of students' educational activities through digital technologies in education. At the same time, it provides brief information about the use of digital technologies in education. It is followed by a discussion of the challenges and future of digital technologies in education. Information technologies appeared for the distribution of general knowledge in all disciplines and areas, and for collecting and summarizing information, and is the main force in the educational process. Digital technologies and mobile devices have also entered schools and lyceums, colleges, universities in remote regions of Uzbekistan. It is considered that it is necessary to develop a mechanism for the use of intelligent technologies for pedagogical personnel so that young pupils and students can freely use them.

Keywords: technology, digital education, gadget, university, school, mobile device, problems, solutions, information dissemination.

Introduction

Smart technologies in the current globalization process penetrated into all fields and there was no field of education in which they were not involved . It is no exaggeration to say that digital technologies help pedagogues to organize lessons, students are using digital technologies at all stages of the educational process . Students know and understand well related processes such as obtaining information from a digital system , creating information, and storing information . can effectively use smart technologies and realize that smart technologies can play an important role in meeting future needs [11] . The question of how well our teaching staff is familiar with digital technologies and whether they have enough skills to educate the next generation arises by itself. If you look at the history and current stages of such devices, we can see that in just twenty years these technologies have taken over the entire globe.

Literature review.Digital technologies are divided into three: digital systems, data and digital solution creation[12].

R current systems. Pedagogical personnel and students learn about hardware and software and understand how data is transferred between them , then learn how components in a system and how hardware and software interact to form networks and learn to apply it in practice . This system includes hardware, software, and network components.

Research Methodology.Among them, we can include the following new technologies: mobile devices, smart boards, tablets, laptops, virtual laboratories. With their help, it is possible to improve the quality of education, introduce training manuals, and receive education [9,10]. Efforts are constantly being made to create new things for effective use of technology in education. Solutions for increasing access to education for people who do not have relevant information, i.e. educational tools, are being created. As we watch digital technology enter education as a learning tool, we see that it has come a long way. At the same time, we see almost all teachers

and students using social networks as an important element of the e-learning experience. Social networks are a convenient place to share information on the most current topics. You can freely exchange information on Internet networks. In addition, applicants, schoolchildren, students, graduates can use social networks and digital technologies at their convenience during registration, which is convenient and a great opportunity for them to save time. They do not support the lesson, they sit and wait for the lesson to end. In this case, digital learning technologies can fill this gap. As smartphones and other wireless technology devices become increasingly popular among the general public, schools and education institutions need to take advantage of technology by incorporating it into the classroom. In fact, current technologies are more attractive due to their flexibility and compactness.

Analysis and results. It is no exaggeration to say that the effective use of digital technologies allows students to communicate with friends anywhere in the world, exchange information and travel to those places. Schoolchildren and students can participate in online classes and listen to foreign university speakers without leaving their homes. During the world-famous pandemic, teachers and teachers in the educational system of Uzbekistan, especially in higher education, were organized their classes through the ZOOM platform. They opened a special official group on Telegram channels, assigned tasks during classes and monitored their implementation. This, in turn, was convenient for both the teacher and the student. If we look at the HEMIS program operating in the higher education system of Uzbekistan, it is a convenient platform for students to get information about course materials and assignments and to complete assignments. In this situation, the teacher regularly responds to the students, checks them and enters their grades into the HEMIS program. Quizzes is another active learning strategy that educational technology supports. It gives students the opportunity to work on a project together through interactive whiteboards and other technologies, and encourages rapid collaboration using social networks, communicating and sharing ideas with each other. Smart technologies eliminate physical and social constraints and allow students to collaborate from anywhere, anytime. They also serve to improve the

environment, i.e. less paper is used for handouts and books are used virtually, saving time.

Conclusion and recommendation. They can be better used to simplify research, increase resources, promote sustainability and work with students, teachers, and reduce costs of digital education [5,6]. It is important not to forget the role of teachers and trainers in the perfect knowledge of digital knowledge, the next generation, who are the successors of today and tomorrow, should have the opportunity to make additional use of educational technologies.

References

1. A.J. Cañas, J.W. Coffffey, M.J. Carnot, P. Feltovich, R.R. Hoffffman, J. Feltovich, J.D. Novak, A summary of literature pertaining to the use of concept mapping techniques and technologies for education and performance support, Report to the Chief of Naval Education and Training (2003) 1–108.
2. B. Cavas, P. Cavas, B. Karaoglan, T. Kislá, A Study on Science Teachers' Attitudes Toward Information and Communications Technologies in Education, Online Sub- mission 8 (2) (2009).
3. G. Emmanuel, A. Sife, Challenges of managing information and communication technologies for education: EXperiences from Sokoine National Agricultural Library, International journal of education and development using ICT 4 (3) (2008).
4. G. Kostopoulos, S. Kotsiantis, EXploiting semi-supervised learning in the education field: A critical survey, in: Advances in Machine Learning/Deep Learning-Based Technologies, 2022, pp. 79–94.
5. M.A. Camilleri, A.C. Camilleri, Digital learning resources and ubiquitous technologies in education, Technology, Knowledge and Learning 22 (1) (2017) 65–82.