

Improving the Mechanisms of Using Digital Technologies in the Management of General Secondary Education Institutions

Zulfiya Kh. Inoyatova¹, Dilfuza S. Karomatova², Adilova Munisa Furkatovna³,
Hakimov is the son of Firuz Norboy⁴

¹Senior lecturer, Department of Primary Education Pedagogy, Tashkent State Pedagogical University named after Nizami, Uzbekistan

^{2,3,4}Lecturer, Department of Primary Education Pedagogy, Tashkent State Pedagogical University named after Nizami, Uzbekistan

Abstract: The article highlights the relevance of digital technologies in the management of educational institutions in modern Uzbekistan, its content and essence, mechanisms and ways of using digital technologies in the management of educational institutions.

Keywords: Digital Technologies, Management, Mechanisms, General Secondary Education and Educational Technologies.

1. Introduction

Today, the formation of new social relations in our society, the integration of education into the world educational system, the development of democratization and humanization processes, new approaches in the educational process necessitate the use of modern pedagogical technologies and digital technologies in the management of general secondary educational institutions. Currently, education is widely used in educational processes from many teaching technologies and trainings aimed at activating the educational and cognitive activity of students. Including: problem Education, Collaborative training, project, keys, Organization of various games, trainings, debates (perspectives, talk shows) representing performance, etc [3, 5, 6].

2. The main results and findings

President Of The Republic Of Uzbekistan Sh.M.Mirziyoev said that " our young people have independent thinking, high intellectual and spiritual potential, and on a global scale we mobilize all the strength and capabilities of our state and society in order to mature and be happy as people who do not empty in any sphere to their peers, " which today is causing gradual changes in the educational process. In the processes of globalization and the integration of education in the world, during the period of digitization, many countries of North and Central Asia have been widely promoting activities, research and development on the use of digital growing potential. On the basis of advanced foreign experience, it is important to further improve and develop mechanisms for the use of digital technologies in education and education providers based on the formation of the innovative educational environment of the modern educational system, the widespread implementation of interactive teaching methods and technologies into practice. At a time when the coronavirus pandemic, which is currently worrying the whole world, has been a global problem, the impact of the coronavirus pandemic has also necessitated distance work in education. All those active and educated in the field of

education are in quarantine. There will be no exaggeration if we say that the owners of remote activities are even a little confused in this situation. This artistic statement should put the current state in a positive direction and take this situation as an opportunity. Therefore, judging by the conclusions of educational experts, after the coronavirus pandemic, the areas of development of education are being revised; a new era of education, the modern digital education system, begins. With the widespread promotion of digital education technologies in educational management and the use of the world education system, educators and learners must have skills and competencies. The large-scale reforms carried out in the years of independence in our country were one of the important foundations for strengthening national statehood and sovereignty, strengthening security and rights, the inviolability of the borders of our state and ensuring the rule of law in society and the protection of human rights and freedoms, interethnic harmony, strengthening khamji-khat and ensuring an atmosphere of religious tolerance. In order to create the necessary conditions for the decent life of our people, the establishment and realization of the potential of our citizens, comprehensive measures for the implementation of the new Uzbekistan development strategy for 2022-2026 are being implemented by decree 60 of the president of the Republic of Uzbekistan dated January 28, 2022 "on the development strategy of new Uzbekistan for 2022 — 2026". [1, 2]. The use of digital technologies in the management of the whole world is rapidly expanding into all areas. Including our president for further development and mechanization of the educational system of the Republic of Uzbekistan Sh.Mirziyoev says many times. Today, large-scale work on the use and implementation of digital technologies in the strategic management of the educational sector is underway. The 21st century challenges with new choices, opportunities involving new technologies, and the prevalence of technology in all areas of life: the development of mechanisms for the use of digital technologies in the management of general secondary education institutions with thoughts about the past innovation in business and management, government, education and other academic fields remain current problems of today. The acquisition of skills and literacy in the rational and reflex use of global and distributed information from the mechanisms of the use of digital technologies in the management of educational institutions allows you to achieve skills and competencies. Working with digital technologies requires a reflexive and critical, but at the same time exploratory, open and future-oriented attitude towards their development. The technologies we have identified stimulate students' interest in educational activities, promote their logical and creative thinking and their digital competence. The presented digital technologies fully fulfill the tasks that serve to make professional education professionals competitive in the labor market. A survey of teachers and students found major deficiencies in the digitization of the educational process. In particular, it is confirmed that students have insufficient training in the use of digital technology in self-education. It is clear that the low level of digitization is due to insufficient methodological support and a mischaracterization of the ways of using such technologies in individual didactic situations. As noted, the rapid development of digital technologies and their widespread use in educational activities are the basis for an optimistic forecast of accelerated digitalization in higher education institutions in the following years.

Expected scientific innovations on the topic of improving mechanisms for the use of digital technologies in the management of general secondary educational institutions:

1. It is based on the fact that the development of mechanisms for the use of digital technologies in the management of general secondary educational institutions is an urgent pedagogical problem.

2. The current state of the process of using digital technologies in the management of general secondary educational institutions and advanced foreign experiments in this area are analyzed.
3. Development of methods, ways, methods and mechanisms for the use of digital technologies in the management of general secondary educational institutions.
4. Experimental work on the use of digital technologies in the management of general secondary educational institutions is analyzed and its level of efficiency is determined.
5. Development of theoretical rules, methodology and practical tools for managing digital transformation of the socio-economic sphere;
6. Building on the creation and development of digital platforms.

Management improvement is the most important factor in improving production efficiency in any industry. The improvement of forms and methods of management is carried out on the basis of achievements of new or modern scientific and technological progress, the laws of information collection, processing and transmission using electronic computing machines (computers), the further development of Informatics, methods of learning.

In the process of developing mechanisms for the use of digital technologies in the management of general secondary educational institutions, the following tasks are solved:

- ✓ study of the fundamental principles of the organization of modern information technologies;
- ✓ review of information systems and technologies at various levels of management;
- ✓ consideration of issues related to the basics of management using modern information technologies;
- ✓ obtaining skills in the use of general and special software products;
- ✓ development of the ability to independently solve problems associated with decision-making in economic systems on the basis of the studied methods and methods of working with information systems and technologies of the OECD;
- ✓ development of the ability to independently make decisions on the introduction of certain information technologies for management purposes;
- ✓ study of various areas of application of information systems and technologies in modern society.

During the conversation, the parties expressed satisfaction with the development of cooperation between Tajikistan and China, as well as the development of cooperation between Tajikistan and China. Nationwide learning is an effective digital analog learning that allows you to distinguish it, the emas node, but also a discrete signal. The technological figure is mainly calculated by an electronic number, the next step is a computer, the mayor of mashinalari, radio-electronic kurilmalar, telemechanics robotics, robotics cabin electricianism now in the Kurdish area training on the beach. Even 30 yil aldin, biz Young, as a librarian, mass media foidalanganmiz or adamlar bilan met with kilganmiz. Following the results of the academic year, a meeting of the Council of Ministers of Foreign Affairs of the Republic of Tajikistan was held in the city of Khujand. Digital technology nima and kandai find bouldi? Contemporary ikkilik sanak systematizing the basis of the seventeenth century mathematician Karl Leibniz tomonish kushilgan. Yigirmanchi asrda u surety Calculus-kniglar as ishlatila boshlandi: Keyinchalik, the twentieth century release of deglan data technology 0 (signal) and 1 (signal available) Dan consists of a colgan nodule (discrete) data enhanced military technology. During the meeting, the parties expressed satisfaction with the development of cooperation between Tajikistan and China. Digitalization of technologies multimedia computerization of cottages and techniques is the main tool of information mining traditional

and original turlar based on onkuvchilar etkazib berishning mujassamlashgan holdagi curinishidir. Multimedia is now fast gurkirab legends of modern technology, kuidagilarni has it and it's about:

- the objects of the game displayed on the screen will be given an animation object, and they will constantly move and Polish;

- sound;
- music;
- animation;
- multiplicity, etc.
- traditional types of information, namely text, table, various decorations and original types of information;
- the fact that the video is embodied in one software product the types of information in the form of excerpts from elephants, telekads, animation (movement of objects in space) ;
- the ability of the central processor fast mobility data transfer tire to process and reflect video and audio information on the computer.

Bunda met with zharaenida foidalanuvchi ancha keng whenever possible. General educational and methodological numbering includes the development of technical mechanisms necessary to ensure smooth operation: hardware, electrical engineering, electronic calculations and information about transformation. Analog technology is the technology provided by Katta Almdag and Uzatish as Keladi Bridge and Yukr Tezlikdag. Shu bilan birga, The news is so accurate, buzilmagan of uzatilada hold. The main kamchiliklar of horasida Yukori is the energy intensive and climatic effect of Salbia.

General educational and methodological work on the introduction of new technologies to improve the effectiveness of teaching people and learning at school:

- every problem solved or indicated as information;
- education as necessary materiallar and narsalarni topping;
- news about the order and riddles of the Kilishda Samarali Foidalanish solution;
- Ms. Hamida Jamoadi Ishlash;
- muammolarni halshda izhodkorlikdan foydalanish;
- rapidly developing ideas;
- Yang initialarga leaderlik Kilish and the independent crisis;
- term and order of years;
- Tizim of the Amalga Oshirish report;
- comparison of explicit and explicit differences;
- Independent puzzle solving.

Shunga Karamai, his Yang-billing-bunkitilgan-Kyrgyzstan is a necessity and a desire for xenophobia and "Bilim " to answer. It is important to note that the quality of education is an important factor. General educational and methodological assessment of the technological preparation of equipment for conducting and conducting trainings on the methodology of large-scale cooperation. The need for the use of digital technologies in the management of general secondary educational institutions are below: *teaching on the basis of modules with a network programming algorithm for providing educational materials and modern Information Technology in the management of general secondary educational institutions;

- development of the principles of the formation of platforms and the use of Modern Software Technologies in the management of general secondary educational institutions;

- provision of educational technologies in the management of general secondary educational institutions and development of methodology for test monitoring procedures and software. Digital technologies change the format of teaching and teaching, making information a link between a teacher and a student in the educational process.

3. Conclusion

In conclusion, such a period has come in the world that the potential for the use of digital technologies in the management of educational institutions and the scientific level of society is determined by the total capacity of computers and the technological excellence of information processing. The use of digital technologies in the management of educational institutions is the most important task that requires equipping and developing fundamentally new production modular programs and technologies that increase the ability to process information.

References

- [1] Decree No. PF-6108 of the President of the Republic of Uzbekistan dated November 6, 2020 "On measures to develop the fields of education and science in the period of new development of Uzbekistan".
- [2] Decree of the President of the Republic of Uzbekistan dated January 28, 2022 No. 60 "On the development strategy of the new Uzbekistan for 2022-2026".
- [3] Dexkonova M.U. "Issues to increase the efficiency of pedagogical activity in higher education" Sciences of Europe (Praha, Czech Republic) VOL 2, No 72 (2021). ISSN 3162-2364.
- [4] Ulmasovna D.M., & Behruz, B. (2022). The role of modern educational technologies in the teaching of legal sciences. *ACADEMICIA: An International Multidisciplinary Research Journal*, 12(1), 305-309.
- [5] Dexkanova Ma'mura Ulmasovna, Abdurahmonova Iroda, Sharifova Zuhra Komil qizi. (2023). UMUMIY O'RTA VA O'RTA MAXSUS TA'LIMDA "TARBIYA" FANINI O'QITISHDA TARBIYAVIY TRENINGLARDAN FOYDALANISH. YANGI O'ZBEKISTON PEDAGOGLARI AXBOROTNOMASI, 1(1), 13–17. <https://doi.org/10.5281/zenodo.751474>
- [6] Dexkanova Ma'mura Ulmasovna, Kazakova Sojida Nariman qizi, O'tkirova Sevara Sanjar qizi. (2023). BOSHLANG'ICH TA'LIMDA "TARBIYA" DARSLARINI TASHKIL ETISHDA INNOVATSION YONDASHUVLAR. YANGI O'ZBEKISTON PEDAGOGLARI AXBOROTNOMASI, 1(1), 18–22. <https://doi.org/10.5281/zenodo.7514752>
- [7] Dexkanova Ma'mura Ulmasovna, Rixsiboyeva Madinaxon Qodirjon Qizi. bo'lajak Boshlang'ich sinf o'qituvchilarining ijtimoiy-madaniy kompetentligini rivojlantirish AnaLiycaL. Education for Development VOL 3, Issue 4. (2023). ISSN 2181-2624.
- [8] Dexkanova M.U. Pedagogikaning dolzarb muammolari. *Galaxy international interdisciplinary research journal*, 10(10), <https://internationaljournals.co.in/index.php/giirj/article/view/2582>
- [9] Dehqonova Ma'mura, Safarbayeva Ro'zaxon. O'quvchi va talaba-yoshlarning ijodiy qobiliyati va kreativ fikrlashini rivojlantirishga qaratilgan dastur hamda texnologiyalar. "Zamonaviy dunyoda pedagogika va psixologiya: nazariy va amaliy izlanishlar" nomli ilmiy, masofaviy, onlayn konferensiya. 1707.2022. <https://zenodo.org/record/6657727#.Y7W0ZHVbZIU>

- [10] Ulmasovna, D. M., Asadova, I. Z., Ravilevna, A. A., & Kizi, T. M. B. (2022). Enhancement the creativity of teachers in the context of digital education. "Enhancement the creativity of teachers in the context of digital education" International Journal of Health Sciences <https://doi.org/10.53730/ijhs.v6nS5.8967>
- [11] Educational issues in the works of enlightened intellectuals F Rahmatova, K Abrorxonova. Boshlang'ich ta'limda innovatsiyalar 1 (Архив№ 2)
- [12] VIRTUAL TOUR IN PRIMARY SCHOOL K Abrorkhonova, S Khudoyberdieva European International Journal of Multidisciplinary Research and Management
- [13] Organization of excursions in primary school classes K Abrorkhonova, S Khudoyberdiyeva International Scientific and Current Research Conferences, 139-14
- [14] BOSHLANG'ICH SINF "TARBIYA" DARSLARINI TASHKIL ETISHNING USUL VA VOSITALARI KA Abrorxonova, SMS Qizi. Science and innovation 1 (1), 54-61
- [15] FORMATION OF A SENSE OF PATRIOTISM THROUGH TOURISM IN THE CURRENT TEXTBOOK" UPBRINGING" OF PRIMARY EDUCATION
- [16] AK Abrorkhonovna British Journal of Global Ecology and Sustainable Development 5, 70-74
- [17] TECHNOLOGY OF FORMING THE VIRTUE OF TOLERANCE IN PRIMARY CLASS STUDENTS K Abrorxonova, F Rahmatova, M Dehqonboyev
- [18] Science and Innovation 1 (7), 362-367
- [19] BOSHLANG'ICH SINFDA TA'LIM SAMARADORLIGINI AMALGA OSHIRISH METODIKASINI PEDAGOGIK TEXNOLOGIYALAR ASOSIDA TASHKIL ETISH. K Abrorxonova, M Karabayeva Science and innovation 1 (B7), 1282-1289
- [20] BOSHLANGICH SINF OQUVCHILARIDA TOLERANTLIK FAZILATINI SHAKLLANTIRISH TEXNOLOGIYASI
- [21] K Abrorxonova, F Rahmatova, M Dehqonboyev Science and innovation 1 (B7), 362-367