Individualization Of Primary Class Educational Processes Based on Digital Technologies

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A B S T R A C T

This article discusses changes in the education system, effective tools in this process, the introduction of various forms of individualization of the education system based on digital technologies, and the convenience of using these technologies.

В данной статье рассматриваются изменения в системе образования, эффективные инструменты этого процесса, внедрение различных форм индивидуализации системы образования на основе цифровых технологий, а также удобство использования этих технологий

Mazkur maqolada ta'lim tizimidagi o'zgarishlar, bu jarayondagi samarali vositalar ta'lim tizimini raqamli texnologiyalar asosida individuallashtirish turli ko'rinishlarini joriy etish hamda bu texnologiyalarni qo'llash jarayonidagi qulayliklar haqida fikr yuritilgan.

In our rapidly developing age, the role of information technology is very important. Because our age is the age of information technologies, especially in the education system, incomparable changes are taking place. As our Honorable President Sh.M. Mirziyoyev said in his Address to the Oliy Majlis: "We need to give our youth a decent education and realize their aspirations for science. For this purpose, we must develop the system of preschool education, fundamentally improve the material and technical base of secondary and higher educational institutions, the quality of scientific and educational processes" [1]. Indeed, if we improve the quality of education, it will pay off in the near future. We need to improve the process of education without moving away from our national mentality. One of the necessary conditions for this is the introduction of digital technologies in the educational process and our individualization and organization using them in the lesson processes. The modernization of education is inextricably linked with the issues of continuous educational development and the maturity of a person's professional activity, moral integrity, and the formation of professional psychological characteristics[6;21]

Today, digital technologies are rapidly developing and require keeping up with the times in every field. The use of digital technologies in the educational system is of great importance in improving the quality of education and educating socially active young people in the present era, when the speed of obtaining and using information is very high. Previously, we conducted educational programs in the traditional way, i.e. lectures through bulky books and manuals. This, in turn, did not ensure that the quality of education was so high. Currently, the process of digitalization of education has started to improve the quality of education. The current state of the education system is characterized by the increasing role of non-traditional educational technologies.

In the state program for the implementation of the "Uzbekistan-2030" strategy in the "Year of Youth and Business Support", attention is paid to the implementation of quality indicators in primary education and the improvement of the basics of the teaching process. tasks are set [1]. In this regard, in the process of performing these tasks, it is appropriate to determine the role of digital technologies in the improvement of the quality of primary education and the issue of individualization of education.

Digital technologies are a set of educational materials developed and implemented based on the capabilities of a computer and various computing techniques [8;15].

Individual education is one of the forms of educational training that implements the teacher's pedagogical influence on the student. The teacher's activity with the student outside the classroom is understood. It is the oldest form of education. widely used in the Middle Ages [8;21;22]

Today, on the basis of digital technologies, the issue of achieving the quality of primary education is prioritized, and this includes reducing the negative impact of the human factor in the process of primary education, strengthening the practice of students' learning, and improving primary education. the achievement of improving the teaching efficiency of teachers is considered an important indicator. In this regard, the rational use of digital technologies in improving the quality of primary education is appropriate. For this, it is necessary to carry out several organizational and research works. We can see that if education is provided through digital technologies, the ways of learning will become easier for learners. Multimedia devices, overhead projectors, computers, laptops, televisions connected to the Internet, telephone lines, smart boards, and projectors play the role of educational system mediators. Training teachers with such tools ensures the improvement of the quality of education.

- For example, we can consider online classes given on television as a type of digital education. So, in digital education:
- He has the opportunity to study wherever and whenever he wants;
- He can reinforce the information he has received using tests or quizzes.
- A culture of obtaining and using information from the Internet is formed;
- Raises the education system to a new level;
- It dramatically reduces time and money consumption;
- Like not getting lost in the "digital world" and having advantages in finding a good job.

The opening of Wi-Fi zones and IT parks will greatly contribute to the development of the digital education system. It will be possible to develop the ability of educators to work with digital technologies and organize various open courses via the Internet. This, in turn, helps educators to work harder on themselves and increase the quality of education due to competition. Also, introduction of electronic versions of primary school textbooks [4; 65-67]. It is necessary to create new generation textbooks based on the experiences of the textbooks that are in practice in primary education and are improved at the beginning of each academic year and put them into practice based on the principle of viability. In this regard, it is important to develop electronic versions of primary school textbooks. For this, it is advisable to do the following:

1. creation and implementation of two-variant electronic textbooks for each category of primary school subjects;

2. development of a set of recommendations that methodically provides the basis for the validity of the created electronic textbooks for a period of several years;

3. composition of professional qualifications of future primary school teachers and primary school teachers in practical activities on the use of electronic textbooks;

4. monitoring the process of using electronic textbooks in a unified and centralized manner.

5. Analysis of primary school textbooks by future primary school teachers and their practice.

6. Development of the methodology of mastering electronic textbooks in elementary grades

7. To make the topics in the textbooks easier to understand.

Based on such approaches, preparation of electronic versions of textbooks of educational subjects taught in primary classes and their implementation will serve to increase the quality of this stage of education. It is important to organize the assimilation of the materials of the textbooks used in primary education, their tasks and recommendations at the expected level. For this, it is necessary to rely on a unique methodology.

➢ to establish regular operation of electronic textbooks through educational and technical means such as computers, educational tablets, day and night;

➢ establishing situations for users of electronic textbooks to directly communicate with primary school teachers based on time standards;

➢ in the process of using electronic textbooks, introducing the possibilities of understanding the educational materials, assignments and recommendations in them;

➢ organizing the monitoring of the effective use of electronic textbooks by primary school teachers.

Basing on such a methodology provides important opportunities for mastering electronic textbooks in elementary grades. Because in the process of working with such educational literature, no matter how independent primary school students are, they should be provided with the most convenient forms of using these educational resources. In this sense, it is appropriate to pay attention to the method of working of such textbook portals at the level of demand day and night.

Ensuring the improvement of the quality of education by means of electronic textbooks in primary grades[5;118-119] One of the most important aspects of electronic textbooks in primary education is determined by the fact that it is the basis for improving the quality of education through direct learning. should perform its task. [9;53-57] Because in this case, the educational materials of electronic textbooks are based on new information and their regular improvement, the widening of the possibilities of their use gives opportunities to strengthen the quality of education by means of mastering. In this sense, in order to improve the quality of education with the help of electronic textbooks, it is appropriate to rely on the following organizational and didactic support.

✓ organizing the use of electronic textbooks in an in-depth form according to the level of ability of elementary school students in the categories of concrete, natural and humanitarian sciences

✓ preparing elementary school students for science olympiads in the field of academic subjects at the republican and international levels with the help of electronic textbooks

✓ to attach 2-3 of their peers to elementary school students who have effectively mastered the electronic textbook educational materials and to organize the joint use of these educational textbooks by this group.

The use of information technologies in primary school allows an individual approach to the student using multi-level tasks;

✓ - involving each student in an active cognitive process;

✓ - teaching the student to find, select and use information to solve problems;

✓ - formation of primary computer skills;

✓ - to teach students to express their point of view and defend it based on the received material.

In conclusion, we can emphasize that the teacher's profession is one of the most difficult professions. A lot of energy and effort is spent on raising the young generation. In the digital system, the teacher's job is only to guide. The direction of the teacher determines the direction of development of students. Students turn to him only in problematic situations. Digitization of education will help schoolchildren to better act in the information world in the future. Individualization of primary education processes based on digital technologies. Scientists say that colorful images help a person to remember information better. In addition, it contributes to the development of creative abilities. Therefore, providing educational materials in a variety of ways through digital technologies not only increases students' enthusiasm, but also allows them to retain information well in their memory. This, in turn, contributes greatly to the improvement of the quality of education. After all, the goal of every change and introduced innovation in the educational process is to make the growing young generation fully mature and mature.

References:

1. Sh.M.Mirziyoyev. Oliy Majlisga Murojaatnomasi. (28.12.2018-y.
2. "O'zbekiston-2030" strategiyasini "Yoshlar va biznesni qo'llab-quvvatlash yili"da amalga oshirishga doir davlat dasturi.// www.ziyonet.uz
3. Abdurakhimovna K. S. Idealistic Study of Proverbs //International Journal on Integrated Education. – T. 3. – №. 11. – C. 201-202
4. Adizova N. B. RHYME, RHYTHM IN FUN GENRE //Theoretical & Applied Science. – 2019. – №. 10. – C. 65-67.
5. Jabborova O.M. "Boshlang'ich ta'limda innovatsion texnologiyalar". Darslik. – Toshkent, 2023
6. Mardonov Sh.Q. Pedagogika fanidan o'qitishning elektron-modulli didaktik ta'minotini ishlab chiqish texnologiyasi. – O'quv-uslubiy qo'llanma. – Toshkent, 2021 15b.
7. Hayitov, A., & Abdurasulova, F. (2022). Methods of effective organizing primary class lessons based on interactive methods. *Science and innovation*, *1*(7), 598-604.
8. Abrorxonova, K., & Pirnazarova, K. (2022). BOSHLANG'ICH SINF O'QUVCHILARIDA TADQIQOTCHILIK QOBILIYATINI SHAKLLANTIRISH. *Science and innovation*, *1*(B8), 2089-2096.