



# THE IMPORTANCE OF DIGITAL TECHNOLOGIES IN PRIMARY EDUCATION

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Article history:	Abstract:
<b>Received:</b> 8 <sup>th</sup> May 2023 <b>Accepted:</b> 6 <sup>th</sup> June 2023	This article reflects the importance of using digital technologies in primary education, current issues that should be implemented in the education of primary school students based on digital technologies.
<b>Keywords:</b> Digital technologies, teacher, student, quality of education, educational process, information competence.	

**ENTER.** The development of primary education is important in the process of implementing the educational tasks of the New Uzbekistan Development Strategy. It is important to use different forms, tools and methods of teaching. In this respect, the issue of using digital technologies in primary education is a derivative of today's needs. The reason, as stated by President Sh.M. Mirziyoyev, one of the urgent problems and issues of today is the preparation of well-educated, knowledge-hungry, mature personnel. In order to fundamentally reform the education system, keep pace with today's world, and be among the advanced countries of the world, primary school teachers should pay great attention to the development of students' creative abilities based on digital technologies.

Digital technologies have become so embedded in our lives that today it is impossible to imagine not only our daily activities, but also the development of the education system without them. Naturally, as in other fields, the introduction of digital technologies in the educational system is fundamentally changing the quality of education.

**Digital technology content.** In the science of pedagogy, the experience of developing teaching technologies based on information and communication tools has emerged since the 90s of the last century. It should be noted that the main focus is on updating the teaching content, using convenient tools, and improving the learning methodology. In this sense, the following are important in the content of digital technology:

- 1) preparation of teaching and mastering materials based on computer educational and technical means;
- 2) development of information and communication didactic support of teaching;
- 3) rational use of available technical opportunities during training;
- 4) to develop the skills of teachers and students in using educational and technical tools.

These fundamentals form the content of digital technology. It should be mentioned that the concept of digital refers to the preparation and transfer of educational materials based on computer programs. Therefore, the main attention is being paid to the use of digital technologies in the education system. The purpose of this is to achieve quality indicators in the educational system and improve the process of learning.

**TYPES OF DIGITAL TECHNOLOGIES.** There are several types of digital technologies that should be used in primary education. In this regard, it is worth mentioning the following types of digital technologies:

- 1) digital teaching technology based on a computer program;
- 2) electronic-module technology;
- 3) distance education technology;
- 4) independent education technology;
- 5) individual approach technology;
- 6) Internet education technology;
- 7) technology of national portals;
- 8) personal technology of skilled pedagogues.

It is appropriate to use these types of digital technologies based on the school environment and capabilities.

**METHODS.** There are three interrelated factors in education: the student, the teacher, and the program. The success of the educational system depends entirely on the goals of these three factors. If one of these factors is found to have deficiencies, errors, or lack of sufficient knowledge, the educational system begins to work in the wrong direction, which leads to a decrease in the quality and efficiency of education. It would be wrong to prioritize one element over the others. However, in this triangle, the teacher is the main element that plays an important role. All three of these

elements, interrelated for success, must be present in the education system, given today's innovative learning environment and, of course, the development of digital technologies.

In countries such as Singapore, Finland, South Korea, China, Turkey, and Japan, special importance is attached to such radicals as changes in the educational system, globalization, modernization, and integration into the world cultural community in order to achieve a high world economy. The main role in any achievements of all countries of the world is played by the education system and directly by teachers. Despite the difficulties that arise under the influence of various external and internal factors with a high level of preparation, teachers focus on the sustainable development of the educational process, and at the same time, they also contribute to the development of information competence in students. Today, students in developed countries show high achievements in international tests.

It should be said that the primary school is the main direction of informing the society. In this case, the primary school teacher works in the main center. In order to solve the problems of informatization in education, it is necessary to form the needs and possibilities of using information and communication technologies of future elementary school teachers. In this regard, the professional competence of a modern primary school teacher is impossible without special knowledge and skills in searching, collecting, storing, producing, processing, transmitting and using information based on modern microprocessors and computers. . Thus, digital technologies should be an integral part of the competence of teachers to assess the quality of education.

The ability of future primary school teachers to use digital technologies is considered as a component of professional competence. It consists of a set of competencies that allow the use of ICT in solving professional problems, taking into account the specific features of primary education, as well as the specificity and nature of ICT (information and communication technologies), and primary education also used in lim.

**CONCLUSION:** The use of digital technologies in the process of primary education has an important practical value. The main ones of such importance are:

- 1) interest primary school students in learning;
- 2) preparation of educational materials for primary school students on the basis of various tools;
- 3) presentation of new methodical recommendations for the teacher's book of primary school teachers;
- 4) updating the teaching process in primary education;
- 5) introducing the experiences of foreign countries into the teaching process;
- 6) publicizing the individual experiences of skilled primary school teachers;
- 7) improving the quality of primary education based on digital technologies.

Based on the requirements of the innovative educational environment, it will be useful to take examples from foreign experiences in developing information competence and apply them in accordance with the regional conditions. In particular, as a result of strengthening the culture of using information and communication tools among future elementary school teachers, it is possible to achieve that they will contribute to the formation of this culture in the young generation they will educate in the future. Therefore, it is important to use digital technologies in the process of primary education. For this, it is worth mentioning that it is important to carry out the following activities:

- a) development of the technology of using digital technologies in primary education;
- b) selection of effective digital technologies in primary education and presentation of its set for practice;
- c) to develop the skills of future primary school teachers in using digital technologies;

This approach includes the mechanisms of using digital technologies in primary education.

As A.M.Karavayeva noted, the use of information and computer technologies not only supports the development of students, but also increases their motivation for education and their interaction in studying.

**SUMMARY.** Thus, the use of digital technologies in primary education renews the content of teaching, improves its means and enhances the learning process of students. For this, it is appropriate to monitor the use of digital technologies in primary education in the process of higher pedagogical education. Because the secondary schools of our country are attached to higher pedagogical educational institutions in the regions. Such opportunities should be used wisely.

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