

EFFECTIVENESS OF USING DIGITAL TECHNOLOGIES IN EDUCATIONAL SYSTEM

Yarashov Mardon Jobirovich
Teacher of Bukhara State University

Annotation: *In this article, the aspects in the reform of the education system are discussed about the organization of effective lessons through digital technologies. The incurvation of this technology in increasing students and activity in the textbook is based during views.*

Keywords: *digital technology, education, knowledge, integration, problem education, modern education, interactive, innovation.*

I. INTRODUCTION

In the information age, teachers have a key role to play in shaping the country's innovative capabilities. Such an important task can be solved only by a teacher who is well versed in modern pedagogical and information technologies, constantly working on himself, improving his knowledge, skills and abilities, taking a creative approach to his work.

"It is necessary to further improve the educational process, curricula and programs of higher education through the widespread introduction of new pedagogical technologies and teaching methods, qualitative updating of the master's research and educational process and the introduction of modern organizational forms."¹

At a time when education is booming, education is not standing still. Nowadays, the traditional forms of education: dialogue, memorization, non-traditional forms of education have been replaced by various forms: integrated lessons, observation lessons, problem-solving. Students like the lessons organized through these forms of education, they are interested and they have a lot of news.

II. MATERIALS AND METHODS

Modern education sets goals for the student: to acquire knowledge freely, to know how to interact with different people in different situations, and at the same time to feel free and confident. Therefore, the communicative technology of education is innovative in the process.

The process of education and upbringing can develop a person when he has an active form, without developing himself. For the development of knowledge, skills and abilities of the student, it is necessary to organize his activities properly. There is no development in the process of poor comprehension of educational material. For example, no matter how many pages a child reads, if he does not remember the numbers, he will not be able to learn to make examples from them, he will not develop any problem-

¹ Decree of the President of the Republic of Uzbekistan "On measures to further develop the system of higher education." April 20, 2017, Decision No. PQ-2909

solving skills. The student's own actions will be the basis for the development of his / her abilities in the future.

Therefore, the task of education is to create situations that motivate students to action. In short, teachers need to create a special learning environment that helps each student develop individual tools and methods to solve tasks correctly in different situations. This, in turn, is one of the most important issues in the technology of achieving results in the education system.

Elementary students are distracted and often find it difficult to move their attention from one state to another. However, the student's attention is enhanced when he or she is given the opportunity to change any object, lectron shapes, notes, color, size, or shape on the board. For example, the use of computer tools, projectors, whiteboards in mathematics lessons increases children's interest in lessons and increases the activity of the educational process. The amount of information is not too much for the students. Because the process allows for active reading as a game. An electronic board is an effective tool for making elementary math teaching a visual, colorful, and interesting process. Digital technologies are very important in the development of the educational process.

In a classroom equipped with information and communication devices, it will be interesting and effective for students and teachers to organize and lead the educational process.

Digital technology is a set of methods, production processes, and software that integrates the collection, editing, storage, distribution, and use of information for the benefit of the user.

Scientists say that the use of digital technologies in education should aim to address the following issues:

- ensuring and developing the structure of students' thinking;
- support all types of student cognitive activities in the acquisition, development and strengthening of knowledge, skills and abilities;
- implement the principle of individualization of the educational process while maintaining the integrity of the educational process.

Digital technologies can be categorized according to a number of indicators of educational tools:

1. On pedagogical issues:

- a) basic training tools: e-textbooks, education systems, knowledge control systems;
- b) practical training tools: problem sets, digital technologies, virtual constructors;
- d) aids: literature, developmental computer games, multimedia video lessons;

2. Organization of the educational process:

- a) information and educational resources;
- b) interactive;

The following measures should be taken to introduce digital technologies and modern methods into the educational process of training future primary school teachers:

- Ensuring a strong integration of modern digital technologies and educational technologies, creating additional conditions for the continuous development of professional skills of teachers in this area;
- individualization of educational processes on the basis of digital technologies;

- Development of a system for posting information about educational and methodological complexes in the field of science using a QR-code to download and download electronic textbooks on primary education on mobile devices;
- Organization of distance learning programs based on modern information and communication technologies;
- the use of platforms (such as Hemis, Moodle) and innovative technologies in the educational process, which allow online observation and mastering of theoretical and practical lessons, as well as uploading them to electronic media;
- Expansion of opportunities for the placement and use of educational and methodological complexes, e-learning resources developed for the primary education system in the electronic library system, which allows remote access;
- Gradual increase in the share of electronic resources in the educational process, the creation of electronic textbooks, the creation of a system for placing information about electronic resources using QR-codes to download them to mobile devices;
- to develop the use of modern software products that are widely used internationally in the educational process, based on the specifics of primary education.

III. CONCLUSION

From the above, it can be said that pedagogy allows the organization of educational processes in higher education on the basis of digital technologies in the field of primary education, forming the following opportunities:

- mastering students' knowledge of information and communication technologies;
- be able to apply the acquired knowledge in practice;
- to form independent thinking with the help of this acquired knowledge and skills.

In conclusion, the use of digital technologies helps to increase the interest and positive motivation of students, as maximum consideration of individual educational opportunities and needs of students, a wide range of opportunities to choose the content, forms of training, revealing students' creative potential will help students master modern information technology. The possibilities of digital technology can be used to organize digital learning resources, individual tests and distance learning.

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