



## THE NEED AND CONTENT OF THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE MODERN EDUCATIONAL PROCESS

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**Abstract:** Implementation of the main tasks that determine the quality and efficiency of the system of continuing education, innovative organization of the activities of specialists of educational institutions, methodological support of the education system is one of the urgent tasks of today. Direct methodological support is emerging as a key factor in this task.

**Keywords:** Education, information technology, student, innovation, methodology, teacher.

In the process of education organized in the system of continuing education, it is the teacher's responsibility to ensure the activities of the student in the classroom. In such a process, it is necessary for the teacher to organize the lesson project in accordance with the purpose and to achieve the desired result, to enter the lesson with new ideas, to organize each lesson as a new work. Today, from the field of education, the press, television, the Internet and other media, theater, cinema, literature, music, painting and sculpture, in short, our activities in all areas that directly affect the human heart and mind meet the spiritual needs of the people. , we need to further strengthen on the basis of modern requirements, to take it to a new level. After all, the spiritual maturity, intellectual potential, all-round formation of the individual of the learner is, of course, ensured on the basis of the availability of material base and spiritual conditions.

Based on the analysis and generalization of the accumulated experience in the field of education, attention is paid to the improvement and further development of the training system in accordance with the prospects of socio-economic development of the country.

At this stage also:

- further strengthening of resource, personnel and information bases of educational institutions;
- Full provision of the educational process with new teaching materials, advanced pedagogical technologies;
- decision-making and development of national (elite) higher education institutions;
- strengthening the independence of vocational education institutions and forms of self-government;
- The positive solution of such tasks as informatization of the educational process, achieving full coverage of the system of continuing education with a computer information network connected to the global information network.

The purpose of the use of information technology in education is to introduce innovations that have a significant positive effect on the lessons.

In the model of education of information and communication technologies, teachers act as facilitators, tutors, media educators, moderators.

Including:

- ✓ pedagogical facilitator in teaching on the basis of computer technology, ie the main assistant in the process;
- ✓ The role of a tutor in distance learning, that is, organizes, communicates, assigns and analyzes the learning process with distance learning;
- ✓ a media educator in the name of a media educator, ie the ability to independently manage, demonstrate and communicate with all technical means at the same time;
- ✓ The pedagogue working in the Internet forum acts as a moderator, that is, organizes and communicates in videoconferencing. Scheme 1 shows a model for the application of information and communication technologies in the educational process.

Nowadays, it is becoming more and more difficult to imagine advanced innovative pedagogical technologies without modern information and communication technologies. In this regard, the resource, personnel and information bases of educational institutions are being further strengthened, the educational process is being provided with new teaching materials.

Practical work is underway to informatize the education system, fully provide it with a computer information network that connects to the global information network, the widespread introduction of information and communication technologies and the Internet in the educational process.

The main tasks in this direction are:

- Radical improvement of the quality of teaching in general secondary, secondary special and vocational and higher education institutions of the country through the widespread introduction of new information and communication technologies and pedagogical technologies, electronic textbooks, multimedia tools;
- Strengthening the educational and laboratory base of educational institutions with modern types of teaching and laboratory equipment, computer technology;
- Further development of modern information and communication technologies, digital and wide-format telecommunications and the Internet, their introduction and widespread adoption in the life of every family.

Information and communication technologies should be taught to students en masse from the time they start school, as skills are quickly formed in students during this period.

Because the teaching process is a complex creative activity, its effectiveness largely depends on the skill and creativity of the teachers.

To activate students, it is necessary to devote enough time to information technology, games, discussions, conversations, competitions, travel, conferences, roundtables, role-playing games, work with books, computer classes.

Appropriate use of information and communication technologies in the educational process, along with an interesting organization of lessons, provides ample opportunities for in-depth study of educational materials. Organizing the educational process with multimedia resources certainly shows positive results.

One of the advantages of multimedia applications is the ability to use themed animations using hyperlinks. By enriching the animations with movement and sound, the content of the training materials can be illuminated more broadly and clearly.

Student activity in the classroom increases slightly. In a normal lesson, the teacher is only engaged in the teacher's book and textbook, but in ICT-based lessons, the teacher refers to several sources. In particular, the e-methodical and e-learning manual is an auxiliary and leading material for the teacher, while e-assignments and tests, multimedia products serve as the main material for independent work of

students. Ways to increase the effectiveness of education in primary education also include providing primary education with reputable teachers, improving their skills, equipping classrooms with modern equipment and visual aids, providing teachers and students with teaching aids, recommendations, didactic materials, textbooks. .

If the teacher organizes lessons with information and communication technologies:

- ✓ Increases student activity in the classroom;
- ✓ The student develops verbal communication skills;
- ✓ Increased interest and attention to science;
- ✓ feels like the authors of each lesson;
- ✓ learns to work with information, search for information, distinguish the necessary, process, organize, understand the content of information, distinguish logical relatives. Based on this, a culture of receiving information is formed.

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The teacher himself, on the other hand, keeps pace with the technological process, enriches the lessons with several sources and the latest news, and is formed as a perfect person in the eyes of the student. In

short, practice shows that the use of information and communication technologies in the teaching process allows you to focus on the problematic issues of the subject.

The introduction of modern technologies of education in the pedagogical process, the teaching of young people to work independently, to think freely is a modern requirement, and its integration with education is today's task.

It is known that the formation of the student as a person, specialist, citizen is one of the main tasks of higher education. The student must be ready for independent thinking, research, and communication in the process of solving fundamental and vitally important problems in science, technology, culture, and society. Such a requirement is an important socio-economic task in preparing competitive graduates for the modern labor market. Today, there is a growing need for highly qualified specialists with critical thinking skills in enterprises and organizations operating in our country.

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