INFORMATION TECHNOLOGIES IN EDUCATION

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Annotation: The article provides some ideas on the use of information technology in education. A number of important factors have been identified in this regard. Conclusions were drawn based on theoretical considerations.

Keywords: education, information and communication technology, factor, innovative method.

From the mid-1970s to the 1990s, the development of computer hardware flourished. The developed models were much more powerful and convenient than the previous ones, which allowed them to be used to study various processes (chemical, physical, social, pedagogical, etc.). Automated learning, knowledge management and learning process management systems are increasingly being used in education.

Modern models are characterized by convenience, large memory, new information and telecommunication technologies, multimedia technologies and virtuality, as well as an understanding of the information process and its social consequences.

The emergence and development of the information society allows for the full use of information and communication technologies in education, which is determined by a number of important factors. Using the article, we will name the main ones.

First, the use of information and communication technologies has contributed to more efficient transmission of knowledge and the formation of an information heritage for the next generation.

The second factor is the use of ICT to increase the effectiveness of the teacher - which allows the teacher to improve the quality of teaching and learning, as well as increase the speed of the student's adaptation to changes in society and the environment. Each member of the community will have the knowledge to interact with the new community.

The third factor is the integrated and consistent introduction of technology into the teaching activities of professors and teachers. In this way, the teacher can create an effective education system that is relevant to the level of society and the process of improving the system of educational standards.

The introduction of ICT in the education of the younger generation is very important. Information and communication technologies affect all areas of human activity. It is known that they affect the field of education, as information technology allows the introduction of new methods of teaching and learning.

ICT has a positive impact on the whole educational process, as well as on the knowledge of students, as ICT radically changes the scheme of knowledge transfer and teaching methods. It should also be noted that the introduction of ICT in the education system not only affects the educational technology, but also leads to the process of creating new ones. These technologies are related to the emergence of new textbooks and teacher performance, which we will discuss
later.

Definition of Information and Communication Means I.V. According to Robert: "The means of informatization and communication for educational purposes are information, which, together with educational-methodical, normative-technical and organizational-methodological materials provide the introduction of the most optimal technologies of their pedagogical technologies. Use of communication technologies".

The use of pedagogical methods based on accurate information and interaction with the student, as well as the use of modern programs develops children intellectually and creatively - children become more independent and active. Introducing students to information technology, computers, and devices will help children better understand how data is transmitted, processed, and stored. The use of virtual ICT tools allows for the best possible presentation of events and learning materials in real life.

ICT allows the use of digital materials in the classroom and at home, while doing homework, the student can use materials created using ICT at home.

**Literature:**

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