

## THE IMPORTANCE OF USING INTERNET TECHNOLOGIES IN EDUCATION.

<https://doi.org/10.5281/zenodo.10083049>

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### **Abstract**

*This article provides information about the use of IT in education, which is developing widely in the world today, and its development in our country.*

### **Key words**

*IT, information, technology, computer, pedagogue, information, youth, investment.*

Today, in a number of developed countries, there is an opportunity to use modern pedagogical technologies that guarantee the effectiveness of the educational process. In the past, there were also IT technologies. Knowledge is written on parchment, papyrus paper. IT is an abbreviation of the words "Information Technology" taken from the English language, and in Uzbek it is called "Akhborot tekhnologiya". Even so, we pronounce and use the word IT. Information Technology is a computing technique that performs tasks such as creating, collecting, distributing, storing, processing, and protecting information. Nowadays, the function of computer technology is performed by the computer, so when the word IT is used, computer technology is mainly understood. In particular, the 21st century is the age of information technologies. The opportunities created for young people are creating the basis for becoming mature personnel of their time. The development is accelerating day by day. In particular, the number of young people interested in the IT field is increasing. Data transfer thanks to the computer: information exchange. The ability to transmit data through electrical signals has become an important breakthrough in IT technology. Now you can get an education without leaving home. The Internet is a network that replaces traditional sources of knowledge. Digitization of paper books, chronicles, documents is in full swing. Digital copies of priceless works are made available to everyone. For example, it takes 15 minutes for your computer to download music. Such a video conference, seminar, television literature, IP-telephony as online viewing - this has opened up new opportunities.

Interest in the use of innovative technologies and the introduction of modern methods in the education system is growing day by day. The reason is that earlier the educational goal was focused on the acquisition and memorization of ready-made knowledge. Now modern technologies are teaching them to search for knowledge by themselves and draw independent conclusions. Therefore, on the basis of existing general education schools in our country, specialized schools for in-depth teaching of informatics and information technologies are being gradually established.

In the practice of world pedagogy, a number of scientists, including M. V. Bulanova-Toporkova and others, evaluate the knowledge of the teacher in the field of information technologies with the following qualities:

- 1) ability to evaluate and integrate the experience of activity in the modern information environment;
- 2) striving to develop personal creative qualities;
- 3) having a high level of general communicative (interaction) culture;
- 4) the presence of theoretical concepts and experience of organizing actions in the media;
- 5) the need for self-reflection (analysis of one's mental state);
- 6) mastering the culture of information reception, selection, storage, restoration, presentation, its transformation, transfer and integration.

Pedagogist-scientist V. K. Selevko considers the teacher's computer literacy to be an important part of the content of computer technology and includes the following in its composition:

- to know the basic concepts of informatics and computer technology;
- to know the general structure and functional capabilities of computer equipment;
- knowledge of modern operating systems;
- to know the shells and operating tools of modern general-purpose software (Norton Commander, Windows, etc.) and master their tasks;
- mastering at least one text editor;
- having basic ideas about programming algorithms, languages and packages;
- initial experience of using applications that perform utilitarian tasks

The rapid development of information technology equipment and software, for example, the release of new generation computers and new programs, opens up convenient technical opportunities for solving various educational tasks. However, scientific research shows that information systems used for educational purposes are still unsatisfactory in terms of their didactic qualities. The reason for this is that methodical (pedagogical) means of using information technologies for educational

purposes lag far behind the development of technical means of informatization. The potential of the computer is great, but it is not used enough for pedagogical purposes. Information for the purpose of training is entered at the stage of its design. In particular, information is included in the creation of a database of automated training systems, in the preparation of educational material for the creation of electronic textbooks, in the creation of scenarios of educational work with modeling computer systems, problems and exercises, and test assignments. Information technologies combine information related to such subjects as computer science, mathematics, cybernetics, psychology, pedagogy in one way. However, the psychological-pedagogical basis takes the leading place in this harmony. Development and implementation of information technology in the process of education occupies an important place.

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