

**INFORMATION TECHNOLOGY IN EDUCATION PROCESS AND PROSPECTS FOR
THEIR USE**

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ABSTRACT: Modern society does not stand still. Recent decades Education is undergoing global changes. Modern the teacher sets new goals for himself: "How to do a lesson informative, bright, memorable, exciting, interesting? How to create a situation of success in the classroom absolutely for every student?"

Key words: Information Technology, Modernization, Development of modern technologies.

Modernization of education, complication of general education programs requires innovative approaches from the modern teacher, sometimes non-standard creative solutions that will captivate students in the world of learning, knowledge, discovery, making this process entertaining, interesting, memorable. It is the modernization of education that is a key direction in the development and improvement of modern society, thanks to the reconstruction of education we manage to prepare competitive and qualified personnel. Life in the modern world sets us new goals and objectives, training transfers Modern society does not stand still. Recent decades sometimes non-standard creative solutions that will captivate students in puts forward new demands. The field of education is no exception. IN The basis of modern education is the activity of the teacher, tools with which he realizes his goals and objectives. The main goal is to educate a creative, active, creative personality, who knows how to learn, improve, not stand still, strive forward. It is difficult to imagine modern education without information technologies. What is information technologies? Information technology (IT) is a set of methods, techniques and means used for storage, processing, transmitting and receiving information. Every year technologies become more accessible and integrate integrates into the learning process, making it more interactive and effective. We Let's look at what function they perform in education IT, how it is helping to change the classroom process, what problems arise during their implementation. Let's denote rthe role of information technology in education. The most important part in information technology is a computer equipped with special software, and also telecommunications means (with a certain information). The following are most often used in the learning process: technologies such as word processors, spreadsheets, programs work on presentations, database management systems, training simulators, etc. Scientists identify several areas for use information technologies in sulfur education: - improving the quality and efficiency of the educational process; - promotes knowledge of oneself and the surrounding reality; - as an object of study; - promotes the development of a creative personality; - a means of communication for obtaining and transmitting the teacher's experience; - field for interaction between teachers and students; - as a means of intellectual leisure. To achieve high results in the learning process, opportunities and prospects provided by information media communications, it is necessary to competently build the teaching process, using the development of special techniques and technologies. At use of certain information technology means, there are some specific nuances. A separate "minus" is the lack of a list of requirements (normative bases) to which the program must comply. The mere presence of technical means in an educational institution does not is a sufficient condition for its effective use in the process training. The development of modern technologies provides an opportunity gain access to any ready-made educational product. Internet contains a large number of nodes with potentially interesting and relevant material for education. There are a number of problems arising during their use: - limited number of age-appropriate programs characteristics of children;

- adaptation of educational products that are developed in others countries, becomes more complicated due to differences in language, culture, software requirements; - insufficient level of mastery of technical means for effective application; - inappropriate use of funds. Currently, in general education institutions with the purpose of supporting and accompanying the curriculum most often use such information technologies as: - interactive reference and self-education materials (dictionaries, encyclopedias, atlases); - educational programs along with games, educational programs, entertainment, the purpose of which is to arouse interest and desire learn more. Today, information technology occupies a leading position place in the educational system as they are a requirement time and provide an opportunity to intensify the educational process, make it bright and memorable. Thanks to them, new opportunities open up for creativity and development of all participants in the educational process. Information technology makes it possible to personalize training not only by the pace of learning the material, but also by the logic and type of it perception. They significantly increase the speed and accuracy of collection and processing. information, allowing you to correct errors. A jerk on the way organizational and pedagogical support for the use information technologies as a means of increasing efficiency educational process was the creation of an analytical base activities of the educational institution (graphics, diagrams, tables). The use of information technology in the educational process has contains a psychological aspect, which consists in the teacher's readiness use them competently, and in the student's readiness to perceive IT as educational, not entertainment. With successful use of IT students' self-esteem increases, an atmosphere of equal rights is formed cooperation between teacher and student. Application success information and communication technologies depends on competent and qualified use, and in case of inappropriate use, even leads to a decrease in the quality of education. The use of information technology simplifies processing, storage and document flow, allows for educational work, while at a distance (distance education), as well as exchange experience with colleagues, communicate with children and much more. But when there is no need to use all the variety of information technologies forget about health care, as well as compliance with sanitary standards.

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