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Methodological bases of educational process information.

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Abstract: In the article, the use of new information technologies in the educational process, psychological-pedagogical developments that help to accelerate the educational process for the teacher and student, completely new opportunities that develop educational ideas and introduce them to the rapid educational process possibilities are widely covered

Key words: psychology, information, pedagogy, methodology, technology, mechanics, computer, technique, video, projector, global.

Informatization of society is an opportunity to anticipate rapid changes in the development of all humanity and manage development. In such a society, the educational system must be based on and rely on the formation of a modern educational information environment, making extensive use of new information technologies.

It is necessary to increase and improve the quality and effectiveness of education using new information technologies that are entering our lives in all areas of education. The use of new information technologies in the educational process provides completely new opportunities for the development of psychological-pedagogical developments, educational ideas, which help to accelerate the educational process for the teacher and student, which gives rise to new methods and organizational forms in education. allows them to come and introduce them to the rapid educational process.

In the educational process, the computer can be both an object of learning and a tool for diagnosing the mastery of educational and educational content, that is, computer technologies can be used in two directions in the educational process .

In the first direction, knowledge, skills, and abilities aimed at forming the capabilities of computer technologies and solving various problems are acquired.

In the second direction, computer technologies are a powerful tool for increasing the efficiency of organizing the educational process.

The use of computer technologies in the modern educational process is in line with the spirit of the times. However, it is necessary to have a clear idea about the role of using computer technologies in the system of "teacher-student" complex relationship. The use of computer technologies changes the goals and tasks of education: new methods and organizational forms of education appear. The renewal of educational content depends, first of all, on the formation of students' natural-scientific ideas about the environment. The introduction of computer technologies allows to embody the educational process. It allows for wide practical application of psychological-pedagogical developments that ensure the desire to acquire new knowledge independently of mechanical acquisition. Computer technologies help students to develop their personal characteristics. An integral part of material production in modern society is the introduction of

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scientific achievements into social, as well as educational processes, a technological approach to development. The well-known pedagogue-scientist G.K.Selevko states that the technological approach to production is understood as the visualization of production processes-technologies. The application of the concept of "technology" in the field of education and the technological approach to pedagogical processes that always require generalization and systematization, effective influence on the experiences of pedagogical innovations, initiative-teacher activities, the results of psychological and pedagogical research, the development of educational processes possible

The modern stage of society's development is connected with the rapid development of new information technologies, which ensure the wide spread of information flow, the creation of a global information environment, and penetrate into all spheres of human life and activity. An integral and important part of this process is the computerization of the educational process. In the context of the concept of computer technologies, we understand the didactic essence of educational computer technologies, their connection with pedagogical technologies, as well as their place in the structure of the organization of the educational process. In order to understand the place of computer technologies in education, it is necessary to understand the essence of this concept. Computer technology (in English—Computer Science) is the general name of technologies responsible for storing, transmitting, processing, protecting, and presenting information using a computer. However, computer technology in education is a narrow concept, because in information technology, audio and video devices, projectors and other technical tools can be used as necessary tools. In the scientific-methodological literature on the problems of informatization and computerization of vocational education (I. G. Zakharova, B. S. Gershunsky, A. L. Denisova, S. R. Domanova, A. N. Tikhonov, G. A. Kozlova, E. Yu. Semenova, E. S. Polat, M. Yu. Bukharkina, A. E. Petrov, G. K. Selevko and others), "new information technologies", "computer-based educational technologies", "computer-based pedagogical technologies" and other terms are used as synonyms. This testifies to the fact that in the definition of this concept, in accordance with field studies, a single concept is not accepted. Computer technology develops the idea of programming in education, opens the way for new research related to the possibilities of modern computer and telecommunications technologies in the field of education. Computer technology in education is a process in which a computer is used as a means of preparing and transmitting educational information to students. Computer technology is implemented in three ways:

as an "absorbing" technology (the use of a computer in the solution of a number of didactic problems, in the description and presentation of separate sections and topics);

as a factor that more clearly determines the main, important parts of educational technology.

as a monotechnology (management, diagnosis and monitoring of the educational process using a computer).

New computer technologies in education are effective in the following cases:

provides the basic principles of pedagogical technologies (pre-design, presentation, alignment with the purpose, integrity);

ensures the solution of didactic issues that previously had no theoretical or practical solution;

provides the expansion of the possibility of preparing and transmitting information using computer technology.

Thus, this concept is related to the wide application of computers in the field of education. Computer technology provides an opportunity to use the flow of information, which has been growing

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for many years, at any time. For this reason, modern computer technology is important in providing in-depth knowledge to students. In this regard, it is considered necessary to provide students with current knowledge in the field of modern computer technologies in general education schools, vocational colleges, and higher education institutions.

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