PRACTICAL TECHNOLOGICAL SYSTEM FOR THE DEVELOPMENT OF INFORMATION COMMUNICATIVE COMPETENCE OF FUTURE TEACHERS BASED ON DIGITAL TECHNOLOGIES

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ANNOTATION

The modern era in the world educational information space. This process is accompanied by significant changes in pedagogical theory and the educational process, which are associated with the introduction of amendments to the composition of educational technologies, which should correspond to modern technical capabilities and contribute to the harmonious entry of the child into the information society. Computer technology should not be an additional "supplement" of teaching, but an integral part of the holistic educational process, which significantly increases its effectiveness; the development of society is characterized by the strong influence of computer technology on it, which penetrates into all spheres of human activity, ensuring the spread of information flows in society. Global information space. An integral and important part of these processes is the computerization of Education.

Key words: human activity, ensuring the spread of information, Information Technology
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INTRODUCTION

Currently, it is difficult to imagine existence outside the field of information and Information Technology. The growing number of different types of information is forcing us to introduce new, advanced methods and means of its processing, and modern living conditions are increasingly increasing requirements for ways to preserve, transmit and ensure its safety.

Education is an integral part of human life, and is also a source of new knowledge in this area and the sphere of application of this knowledge.

Thus, the use of information and communication technologies (ICT) in the learning process is a relevant problem in modern education. Today, a teacher in any school discipline must prepare and conduct classes using ICT. The lesson using ICT is visual, colorful, informative, interactive, saves the time of the teacher and student, allows the student to work at their own pace, allows the teacher to work with the student in a different and individual way, provides the opportunity to quickly track and evaluate the results of the study.

Informatization of modern society, and especially education, is characterized by the processes of improvement and mass dissemination of modern information and communication technologies. In the field of education, these technologies are actively used to transfer information and ensure the interaction of the teacher and student in modern open and distance learning systems. A modern teacher should not only have knowledge in his field, but also use ICT in his professional activities.

The word technology (from the Greek language. Technique-logo, training). In general terms, science refers to methods and techniques for processing raw materials, semi-finished products, products or converting them into consumer goods.

In a narrow sense, technology is a set of scientific and engineering knowledge carried out by methods of labor, material, technical, energy, collections of Labor evidence of production, methods of combining them to create a product or service that meets certain requirements.

The author of the Explanatory Dictionary of the main terms is A.M. Berlyant gives this explanation: "information technology is a process that uses a combination of means and methods of collecting, processing and transmitting information to obtain new qualitative information about the state of an object, process or phenomenon (information product)."

A similar definition of Information Technology in some aspects L.It can be found in the "large dictionary of foreign words" edited by M. Surisa: "Information Technology (from English Information Technology) is a broad class of disciplines and fields of activity related to the creation, storage, management and processing technologies of information, including the use of computer technology."

Similar appearance V.I. In the Explanatory Dictionary of the Living Great Russian language Dal: "information technology is a complex of interconnected, scientific, technological and Engineering Sciences, in which methods of effective organization of the work of people involved in the processing and storage of information are studied; computer technology and methods of organizing work with people and production equipment are studied. , their practical applications are also related to all these social, economic and cultural problems. "

The same concept is found in the "Explanatory Dictionary" D.N. Ushakova is explained as follows: "Information Technology is a set of targeted actions that are clearly defined by employees of computer data processing."

"In the encyclopedic dictionary" G.V. Osipova, the concept of information technology is explained as follows: “Information Technology is a method of creating, fixing, processing and disseminating information.

The educational portal " network of creative teachers of Rusedu "comments on the concept of information technology as follows:" Information Technology is the totality of methods, production processes and software and technical means integrated into the technological chain that provides data collection, storage, processing, release and distribution. The complexity of the processes of using information resources, increasing their reliability and efficiency.

Zakharova N. And in his article, Information Technology explains: "information technology is a general concept that describes various devices, mechanisms, methods, data processing algorithms."

According to the high-class teacher TP Trutneva, information technology is not only an element of the modern educational process, but also a requirement for tomorrow.

Prokhorov Yu.V. Describes information technology as "systematic and mass methods and methods of processing information in all types of human activity created by Applied Informatics using modern means, printing, computer equipment and software."

There is a different opinion about information technology. Kuznetsova A.G. In his opinion, information technology in education is "teaching methods and Means aimed at the formation of certain knowledge, skills and abilities of students."

Understanding the modern word involves the application of scientific and engineering knowledge to solve practical problems.

In this case, information and communication technologies can be considered technologies aimed at processing and converting information.

Thus, having considered the term information technology, we will form the basis of the definition established in our work on the educational portal "network of creative teachers of Rusedu". Information technology is the totality of methods, production processes and software and technical means included in the technological chain that provides collection, storage. , processing, issuing and disseminating information in order to reduce the complexity of the processes of using information resources, increase their reliability and efficiency.

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