

Innovative Methods of Teaching Informatics in Schools

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Abstract: The introduction of ICT in the educational process involves the introduction of information in computer science in various fields, which leads to information in the minds of students and an understanding of the processes of informatization in modern society. Awareness of the emerging trends in the school informatization process: basic information on the use of computer science in the study of computer programs in general education, so that the structure and content to supplement the informative elements of Education, information technology-based whole radical reorganization of the pursuit process is a fundamental restructuring.

Keywords: pedagogical principle, innovative technologies, ICT, interactive

The humanization of education means a real functioning system that ensures the continual overall cultural, spiritual and professional development of the individual. This socio-pedagogical principle requires a reconsideration of the humanistic composition and technology of society. Pedagogy, creative technologies related to the formation of innovative technologies, the readiness of man to rapidly accelerate changes in society through development, self-study skills.

The humanism of the pedagogical process is aimed at the interest in the problem of professional relations and the application of innovative technologies (especially in foreign languages) in order to apply innovative technologies (especially in foreign languages) in the learning process.

The emergence of such an innovative school is the emergence of the usual public school, in which innovative projects in the field of education are developed by specialists and used in one or more functions of the complex. An innovative school is a complex dynamic system with a network of educational services. Education is involved in all areas of activity and can implement themselves in a full range of scientific programs. This view occurs in different forms of communication between adults and children.

Pedagogical technologies - A model thought out in all details for joint pedagogical activities, students and teachers on the design, organization and conduct of the educational process. Today, Russia is forming a new education system focused on education in the world. This process is accompanied by significant changes in the pedagogical theory and practice of the learning process. The education system is modernized - different content, approaches, behaviors, pedagogical mentality are offered.

Today in Russia announces the principle of different types that allow the pedagogical teams of these educational institutions to choose the pedagogical process for any model and design, including the author. Development of education in this area: development of various options for the content, use of

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modern didactic opportunities to increase the effectiveness of educational structures; Scientific development and practical substantiation of new ideas and technologies. At the same time, it is important to use different pedagogical systems and teaching technologies in the practice of new forms, in the practice of additional and alternative state education system, on the topic of "integrated pedagogical systems" of modern Russia.

At present, various pedagogical innovations are applied in the school of school education. It depends primarily on the traditions and status of the institute. Nevertheless, the following are the most characteristic innovative technologies.

1. Information and Communication Technologies (ICT) On the study of the topic

The introduction of ICT in the educational process involves the introduction of computer science data from various fields, which leads to information in the minds of students and an understanding of the processes of informatization in modern society. Awareness of the emerging trends in the school informatization process: basic information on the use of computer science in the study of computer programs in general education, so that the structure and content to supplement the informative elements of Education, information technology-based whole o 'A radical reorganization of the pursuit process is a fundamental restructuring. As a result, new information technologies will appear in the school methodological system, and school graduates are preparing for the development of new information technologies in future work. This will be done through the introduction of new products in the curriculum aimed at the study of computer science and ICT in this area. The experience of using ICT in schools is as follows:

but) the information environment in the open school, which includes various forms of distance learning, significantly increases the subject matter of students in the study of science courses, especially the methods used in the project;

B) because teaching has been removed for the student through the transition from the "teacher-student" trunk relationship to the "student-computer-computer" saloon relationship to the "student-computer-computer" relationship. The growth of student labor, the share of creative work will increase, there is an opportunity to carefully choose a university, a prestigious job within the school walls and in the future; c) teaching information is attractive to the teacher, allows him to increase his work efficiency, enhances the general information culture of the teacher.

2. Personality-oriented technologies in teaching the subject

Person-centered technologies place the child's personality at the center of the entire school education system, ensuring a comfortable, conflict-free and safe environment for his or her development, and the realization of his or her natural restraint. The identity of the child in this technology is not only the subject, but also the subjectivity; This goal is not a means to an end for any driver, but an education system. Individual training programs in mastering the ovens are tailored to their capabilities and needs.

3. Information-analytical support of the educational process and quality management of school students.

The use of such innovative technologies as information is an analytical methodology for managing the quality of education, which affects the development of each child's time in general, class, parallels, schools. With a little modification, it can become an integral tool in the preparation of generalized management tools, examining the teaching situation of any textbook that studies the system of individual teacher work.

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4. Monitoring of intellectual development.

Study each student and analyze the quality of his or her learning using the construction of a graph of the dynamics of academic performance.

5. Educational technologies as a leading mechanism of modern student formation.

This is an integral factor in the modern educational environment. It is carried out in the form of involvement of students in additional forms of personal development: participation in national traditions, theater, children's art centers and other cultural events, etc. Interactive teaching methods play an important role in developing students' independent thinking. The word "interactive" is derived from the English word "interact", which means "inter" - to each other, "act" - to work, to work. Interactive means interacting with someone through interaction, activity, or conversation. Interactive learning is a communicative learning process in which the teacher and the student interact during the process. In interactive teaching, all students are involved in the learning process and have the opportunity to think freely, analyze and think logically. Nowadays, there is a growing interest in the use of interactive methods, innovative technologies, pedagogical and information technologies in the educational process, one of the reasons for which is still the traditional While science teaches students to acquire only ready-made knowledge, modern technology teaches them to search for, study and analyze independently, and even draw their own conclusions. In this process, the teacher creates conditions for the development, formation, acquisition and upbringing of the individual, and at the same time acts as a manager, a guide. In the process of learning, the student becomes a key figure.

Therefore, the role and place of modern teaching methods - interactive methods, innovative technologies in the training of qualified professionals in higher education and faculties is enormous. Knowledge, experience and interactive methods of pedagogical technology and pedagogical skills , ensure that they have advanced qualifications. According to the observations made during the development of society, the acquisition of competence in information and communication technologies is one of the first issues. Therefore, special attention should be paid to the teaching of computer science in educational institutions, updating the state educational standards in computer science, improving curricula.

Today, the world experience shows that new, modern methods and tools of education are entering the educational process and they are widely used in teaching. In particular, innovative and modern pedagogical ideas are being implemented in the formation of professional skills of students. Therefore, the teacher should not remain the only source of knowledge, but the student should be the organizer, advisor, active participant in the process of independent work. The training of personnel with enterprising professional knowledge, striving for self-seeking innovation that meets the requirements of the times is a topical issue today. The role of innovative technologies in shaping the professional skills of students should be in line with the times of today's specialist.

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