

WAYS TO USE ICT IN THE PROCESS OF INTEGRATION OF SCIENCES

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Annotation: It is written in the state that the use of information technology in the combined use of science allows children to develop the desire to overcome difficulties on the path of knowledge

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In order to educate a comprehensively mature, creative personality in the system of lifelong education, it is necessary to ensure the interconnectedness, coherence and future orientation of the components of the pedagogical system at all stages of the educational process for the continuous development of the student. In the educational reforms carried out in the country, personality development is seen as a continuous process in which the educational process is combined with the ideas of developing education, which includes not only knowledge, but also a creative interpretation of acquired knowledge. This marked the transition of the education system from information-based learning to productive learning, from memory-based learning to active learning-based learning.

As the first president Islam Karimov noted: "The accelerated implementation of measures and projects in the field of information and communication and telecommunication technologies is becoming increasingly important. We need to clearly understand that it will be difficult to achieve our future goals in all sectors of the economy without radical and positive explosive changes in the wide dissemination of modern information and communication technologies in our daily lives. In the short term, we must not only eliminate the shortcomings in many types of information services, but also become one of the

developed countries that have achieved a high level of implementation of information and communication technologies.

The combination of sciences is characterized by the desire to get the most accurate picture of the overall picture of the world. These ideas are reflected in the concept of modern education. But no problem can be solved in 45 minutes. Therefore, there is a tendency to integrate academic disciplines into the theory and practice of teaching, which allows students to achieve interdisciplinary generalizations and come closer to understanding the general picture of the world.

The integration of sciences can occur both within the existing system and within the new system. The essence of the integration process is the qualitative changes within each element included in the system.

The integration principle includes all components of the learning process, all elements of the system, the interdependence between systems. He is a leader in the development of goals, defines the content of training, its forms and methods.

An integrative approach means the implementation of the principle of integration into any component of the pedagogical process, ensures the integrity and consistency of the pedagogical process. Integration processes are processes of qualitative change in individual elements of a system or the entire system. Many studies in the field of home didactics and educational theory rely on the above considerations when developing specific ways to improve the learning process.

In the process of integration, the volume of interdependence increases and is regulated, this system regulates the performance of parts and the integrity of the object of study. Many students do not understand the need to study general subjects. As a result of a superficial study of sciences, students have less developed knowledge and skills that allow them to perform practical tasks correctly, apply knowledge in solving problems related to future specialization.

Especially for teaching science, it is very important to teach on the basis of information and communication technologies, the use of which is used in many fields of knowledge and human activity.

The teacher allows children to develop a desire to consciously overcome difficulties on the path to cognition by using information technology in the combined teaching of subjects. The new responsibilities of the teacher are largely determined by the need to clearly formulate the structure of educational activities and their actions at each stage from the development of the plan to its full implementation.

New information technologies create a computer and telecommunication environment for organizing and managing various fields of activity, including education. The integration of information technology in educational programs occurs at all levels of education.

Currently, the most widely used integrated lessons using multimedia tools. Training presentations become an integral part of education, but this is the simplest example of the use of information technology

The development and reconstruction of society, the creation of a unified system of continuing education, as well as the continuous improvement of the educational process are the hallmarks of education. School reform in the country is aimed at bringing the content of education in line with the modern level of scientific knowledge, increasing the effectiveness of all educational work and preparing students for activities related to the transition to the information society. Therefore, information technology is becoming an integral part of educational content, a tool for optimizing and improving the effectiveness of the educational process, and also contribute to the implementation of many principles of educational development.

In conclusion, under the guidance of a teacher, students should understand interdisciplinary relationships, choose the necessary knowledge from different subjects, focusing their attention not only on obtaining general knowledge, but also on analysis, logical reasoning, development of personal qualities, abilities and interests. will have to become participants in the process.

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