

**LEARNING AND ITS ADVANTAGES IN EDUCATIONAL INSTITUTIONS
USING MODERN INFORMATION TECHNOLOGIES**

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ANNOTATION

The greater use of elements of computer technology in the classroom, helps to increase the diversity of the learning process, raises the quality of education to new, higher levels, forms the creative potential and cognitive activity of students and teachers, increases their interest in reading and life.

Keywords. Course, computer technology, learning process, education, student, teacher, creative potential, knowledge.

In modern conditions, the main focus is on improving the quality of education. Therefore, whether it is a lecture, a practical lesson or a laboratory lesson, there is a need to use modern computers and new pedagogical technologies. Does the introduction of new information technologies in the educational process in general affect the quality of teaching? Is it necessary to use a computer in class? Is the most reliable chalk and board. Should professors and teachers, who are still using textbooks, manuals and other resources and teaching aids effectively, learn new pedagogical technologies? At present, it is clear that the strategic direction of development of the education system is to find solutions to the problems of person-centered education, and the most important thing in this direction is educational activities.

In order for a teacher to help his students to overcome the developing shortcomings in a timely and competent manner, he must be able to accurately diagnose his students, that is, to make his students know the information and communication technology as fully as possible. Performing these and similar tasks is more complex than the traditional teaching method, which requires a very high level of skill and mastery from the teacher. The use of computers and information technology in the classroom is not a single goal, but another way to understand the world of young people, an additional way to provide more complete information, teacher training - an advanced way of learning and working youth, the scope of individual learning activities, is another way of broadening one's worldview.

Nowadays, the progress of scientific thinking and scientific technology is sharp and intensive. Therefore, it is necessary for modern professors and teachers to keep pace with the times. The use of computers in the classroom creates new and unique conveniences for teachers and students, which are associated with interactive technology textbooks. The operative integration of computers with other teaching aids, such as projectors and electronic whiteboards, increases the amount of information provided using visual aids, allowing the teacher to make the most of class time.

Increased use of computer technology in the classroom, helps to increase the diversity of the educational process, saves students from the "disease" of boredom, raises the quality of education to a new, higher level, provides flawless textbooks, promotes personal development, helps students and forms the teacher's creative potential and cognitive activity, increases their interest in reading and life.

Just as each subject has its own characteristics, it is necessary to identify specific aspects of the application of information and communication technologies in the educational process. In order to pass each subject using modern computer capabilities, first of all, it is necessary to have an electronic textbook, manual, lesson plan, educational film and visual aids necessary for the educational process. The use of e-learning, multimedia e-learning (educational film) or video film, information and communication technology materials in

the course of the lesson leads to a greater increase in efficiency. The main functions of information and communication technology in the educational process are the development of skills of the XXI century, saving time in the classroom, demonstration of materials, control of knowledge, individualization of teaching.

With the introduction of experimental research, the organization of lessons using information and communication technologies, the learning process was provided in an interesting, consistent, differentiated and individual way. The use of e-textbooks in the classroom enriched the content of education, helped students to acquire knowledge and skills, to assess their own knowledge.

During the period of activity, the use of interactive methods, pedagogical and information technologies, previously organized, in traditional education focused on the acquisition of ready-made knowledge, while modern information and communication technology taught them to independently search and analyze their knowledge, and even draw their own conclusions.

In our opinion, the use of computers in the classroom gives its most effective effect in the following cases:

- in explaining new material, substantiating unfamiliar terms and concepts. The most important thing here is the summary of the lecture and the demonstration. When the teacher shows the presentation slides, he / she can show various pictures, formulas and graphs, and write the lecture short and concise. At the same time, the student sees with his own eyes the concepts he hears at the same time. It is known that most of the information is obtained by sight.

The use of computer-based electronic tests for generalization and consolidation of the topic covered in the lesson, as well as for in-depth and thorough study, in turn, develops students' skills and abilities in this subject. They develop an interest in new computer programs.

The process of cooperation between information and communication technologies and pedagogical technologies has its own characteristics, and during the lesson we teach students the following:

- students are forced to be indifferent during the lesson, to think independently, to create and to explore;
- Increased interest in science in the learning process;
- intensification of cooperation between teacher and student;
- We observed an increase in students' independent creative approach to each issue.

Computers also play an important role in students' research activities. For example, students may be given assignments to develop an effective and fun way to prepare presentations on a specific topic as project work, or to prepare virtual lab assignments. To do this, they first need to study the topic in depth, collect materials related to the topic, systematize them after collecting them, and then prepare a presentation by putting together pictures, graphics and tables, and learn to make animations. It shapes the technique and technology of communicating with the computer in students.

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