USING THE MODERN INFORMATION TECHNOLOGIES TO IMPROVE THE QUALITY OF THE EDUCATION PROCESS

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Abstract
The use of pedagogical and information-communication technologies, Internet information educational resources and conference methods in the sphere of education effectively helps students to acquire a high level of knowledge and allows them to become qualified professionals in the future.

Keywords: Modern information technologies, independence education

Introduction
Modern information and communication technologies have created huge opportunities for the development of new forms and methods of teaching. At the same time, there is a problem of in-depth training in information and communication technologies, the ability of students to receive, process and work independently with large amounts of information. Today, only lecture-based traditional lessons are over. At a time when the flow of information is accelerating, it is difficult to draw the student's attention to knowledge if not every lesson is colorful. For this, the teacher must be constantly searching and creative. In this case, the transition to a game-based viewing system is particularly effective. Games, on the other hand, should be chosen based on student psychology. The style of encouraging to be first always justifies itself. Because children always want to show themselves, to be one step ahead of their peers. Before implementing new information in the lessons, the teacher identifies their knowledge, imagination, puts it into a system, it is useful if the acquired knowledge is reinforced with various visual aids, slides, multimedia, handouts, additional literature. One of the main elements of the educational work carried out in the lesson

is the fact that students perform independent, self-thinking learning and practical tasks on the basis of interaction, which, of course, leads to maturity in life. Any interactive methods used in the lessons are educational in nature and help to consolidate, define and expand students 'knowledge, generalize and systematize them. When we speak about the work being done to improve the quality of education, we liken the teaching process to a bridge of goodness, from which we consider the task of the teacher, that is, teachers, to lead the students to a knowledgeable, broad-minded. In the theoretical and practical part of the lessons are conducted in small groups, using effective methods of pedagogical technology to increase the interest of students. Monitoring the training process and giving the necessary advice will help the lessons to be taught effectively in small groups. Organizing meetings with leading experts in the field of information and communication technologies, masters of their profession, telling students about them and answering questions with real-life examples. He advises that you only need to read and study for this. Meetings with such qualified specialists, the organization of discussions also increase the interest of students in science. It is necessary to strengthen the desire of parents to bring up their children as highly spiritual, educated and perfect people.

Modern information and communication technologies have created new opportunities for the development of new forms and methods of teaching. At the same time, there is a problem of in-depth training in information and communication technologies, the ability of students to receive, process and work independently with large amounts of information. Many students who come from vocational school to higher educational institutions do not have sufficient skills to think and work independently. Some have very low interest in learning. Taking in-depth lessons in the field of information and communication technologies, which are of interest to our talented, inquisitive and creative children, will be a key factor in their development into highly qualified professionals in the future.

It is known that all educational institutions of the country are working on the use of modern forms and methods of teaching in the educational process, the effective use of information technology in the education system, using them to bring the education system to the required level.

The following opportunities for the use of modern information technology in the educational process can be cited:

o Some facilitation in the delivery of teaching materials to learners by teachers;
o Some facilitation in the delivery of teaching materials to teachers by students;

o Possibility to revise the teaching materials provided during the course;

o Achieving a high level of mastery by students;

o Opportunity of creating exhibition virtual stands as part of multimedia e-textbooks;

o Opportunity to organize practical and laboratory classes in an interesting way through video, audio and animation tools;

o Mass use of the recommended teaching materials, i.e. the availability of access to one or more classrooms and groups using network technologies;

o Ability to quickly change the database of teaching materials and add new information resources;

o o Provide access to lecture materials during practical and laboratory classes;

o Possibility to use as one of the main tools for distance learning;

o Assessment, control of individual knowledge of students, etc.

The introduction of learning materials with such capabilities into the learning process creates opportunities for learners to simultaneously see, read, hear, reflect on, and improve their knowledge over and over again. The application of information technology in the educational process, especially the use of multimedia tools, creates great opportunities for didactic depiction of the educational process.

E-textbooks have a special place in the effective use of information and communication technologies in the educational process. E-textbook is an electronic educational literature designed for the use of computer and information and communication technologies-based teaching methods, independent learning and the effective use of scientific teaching materials, scientific information.

The application of information and communication technologies in the educational process in the education system will accelerate the educational process. Among the main factors in accelerating the educational process are:

o goal orientation;

o strengthening students' motivation;

o expanding the informational content of educational content;

o activation of students' learning activities;

o strengthening the educational and practical level of students, etc.

The importance of modern information technologies in the effective organization of independent learning in the educational process is very high. The main purpose of the use of teaching materials and electronic textbooks created on the basis of computer software is to form a modern information-educational method, increase the efficiency, quality and productivity of the educational process through the use of modern

information-pedagogical, information and computer technologies. extensive use of textbooks, the organization of their libraries in a sense, the introduction of distance learning methods in education and access to the global e-learning system.

Electronic teaching materials created for independent study are based on automated software. Automated teaching materials provide learners with information on relevant topics and monitor knowledge. Different levels of assignments are recommended to learners depending on the outcome of the knowledge control. With the help of automated teaching aids, learners can increase and improve their knowledge even without the help of a teacher.

One of the main requirements for the organization of distance learning in the learning process is the means of providing learning materials to students. There are a number of requirements for the creation of electronic versions of educational materials, which form the basis of the distance learning system.

When presenting educational materials in electronic form, special attention should be paid to its level of understanding by students. Materials provided in electronic form should be convenient and well-understood by learners. The recommended learning materials should provide the necessary definitions, key phrases, keywords and opportunities to use them effectively.

The organization of practical and laboratory work from the subjects by imitation in the form of virtual stands provides the following opportunities in the distance learning system:

o   no need for specially equipped rooms for virtual stands;
o   providing laboratory work with animations and direct demonstration of the processes carried out on the objects;
o   multiple use of created virtual stands.

The organization of practical and laboratory work on the subject in the form of a virtual stand is of great importance in the distance learning system. As a result of the organization of distance learning, students will be able to perform practical and laboratory work in educational institutions in remote areas, even if they do not have the necessary training equipment for the educational process.

To create e-learning materials, e-learning materials are converted to pdf format for their convenient and effective use. The advantages of using materials made in this format are:

o data takes up less space in memory;
o data will be protected (modifications, protection against viruses, etc.);

o speed up data search and printing;

o availability of high quality fonts representing data;

o create compact image data;

o provide quick access to the required pages of information, etc.

Such indicators constitute the basic requirements of the training materials used in the distance learning process.

The advantages of using modern information technology in the educational process are the followings:

o deeper and more complete mastery of the materials provided in the learning process;

o introduction of new forms of education;

o opportunity to save time as a result of reduced learning time in class;

o the acquired knowledge can be stored in a person's memory for a long time and can be applied in practice.

o short time for students to develop certain skills;

o increase in the number of assignments in the classroom;

o the student becomes a subject of education as a result of the need for active computer control;

o the ability for students to observe, model and directly demonstrate processes that are difficult to observe, and so on.

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