

THE ROLE AND IMPORTANCE OF USE OF ELECTRONIC TEXTBOOKS IN TEACHING SPECIAL SUBJECTS

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Abstract: Electronic information and educational resources have been created for teachers - programs on the use of modern technologies in educational institutions. It serves to improve the quality of teaching and improve the qualifications of teachers. The work to create, develop, and popularize multimedia programs is bearing fruit. In educational institutions, students are exposed to scientific information directly on the Internet or in classrooms using CDs and audio CDs. Today, the ranks of our youth are expanding, freely using modern information technologies and surprising the peoples of the world with their potential. All this is the result of the broad conditions and favorable opportunities created for youth in our country.

Keywords: developed countries, creating knowledge, multimedia technologies.

As we all know, the 21st century is called the era of globalization, the century of technology. Today, science and technology are developing rapidly, which requires teaching using new technologies. The urgent question is that every teacher, knowing that he is a responsible person, increases the effectiveness of the lesson and effectively uses new technologies in educating highly cultured and knowledgeable youth, who are our future.

In order for our country to become one of the developed countries, we are gradually moving to an improved system of training specialists based on modern economics, science, culture, engineering and technology.

In the conditions of advanced pedagogical education, it is necessary to use advanced pedagogical technologies and modern educational literature in order to improve the qualifications and abilities of students to work on themselves and become competitive personnel.

Also today, the introduction of information and communication technologies ensures the development of new forms and means of knowledge transfer. One of these forms is training using electronic learning resources.

Learning with the help of electronic educational resources in pedagogical literature is called computer learning technology.

The requirements for a teacher in the field of information technology are as follows:

- obtaining and creating knowledge from information as a process;
- information and creative processes in science, technology and culture;
- problems of development of the information society;
- artificial intelligence information systems and knowledge transfer methods;
- technical means of information and telecommunications;
- have an idea of software tools for implementing universal and problem-oriented information technologies;
- universal and problem-oriented information technologies related to the special subject being taught;
- multimedia technologies in education;
- basics of information modeling;
- automated training and control system;
- know and be able to use the information system about educational materials;
- creating a database on the taught subject;

- effective use of the global computer network Internet;
- the use of practical program packages in the educational process;
- It is necessary to have practical skills and effectively use e-mail during the educational process.

The main features and advantages of computer teaching technology are:

- ✓ this technology is aimed at developing independent thinking and creative abilities of the student;
- ✓ the teacher participates in the educational process as a consultant;
- ✓ during the learning process, active integration of information media and resources is ensured;
- ✓ interest in learning increases;
- ✓ increases the convenience and efficiency of learning;
- ✓ The student's independent work and research skills are formed.

Electronic textbooks make it possible to view a large amount of information and perform more practical exercises, drawing attention to the content and essence of a special subject. It provides ample opportunities for self-testing at all stages of training. The e-textbook acts like an expert teacher, providing unlimited explanations, countless repetitions and reminders.

When learning using an electronic textbook, the following opportunities are created:

- ✓ using computer support, students can complete a large number of tasks, saving time spent on analyzing solutions and their graphical interpretation;
- ✓ allows training in the form of independent work at the computer;
- ✓ Students' knowledge is quickly and effectively monitored.
- ✓ The teacher is given the opportunity to present small in volume, but very important in content, materials in theoretical and practical training; outside the framework of classroom training, conditions are created for students to independently solve assigned problems. ;
- ✓ frees the teacher from hard work, such as doing homework, various calculations and tests;
- ✓ It is possible to individualize work with students, especially on homework and tests.

It is possible to use information and educational technologies in teaching with the help of electronic textbooks. Also, the effective organization of the educational process with the help of electronic resources ensures the achievement of educational goals. It should also be noted that if the educational process is not properly organized, advanced pedagogical and information technologies will not be effective enough.

Analysis of the experiment results showed that as a result of the use of advanced pedagogical and new information technologies (electronic literature), textbooks when teaching special subjects, and the skills of future vocational education teachers, the efficiency indicator increased. This proves that it is possible to achieve high efficiency as a result of using modern teaching methods and computer programs in the process of training vocational education teachers in higher education institutions of pedagogy.

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