SPECIFIC ASPECTS OF USING MULTIMEDIA IN EDUCATIONAL PROCESS

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ABSTRACT

The article describes the use of videocassettes and audiocassettes for teaching with the help of computer programs, listening to oral speech and controlling pronunciation, as well as the specific aspects of using a multimedia system.

Keywords: multimedia, information-communication, technology, microphone, audio-systems, videocassette, audiocassette, optical compact discs,

Improving the effectiveness of the educational system, pedagogical and issues of wider implementation of information and communication technologies are expressed in changes in our life. The introduction of new types of educational institutions, the variety of educational technologies used by teachers, the wide spread of experimental work in all types of continuous education, raised the need for highly qualified, innovative teachers with creative scientific and pedagogical thinking to the level of necessity. The teacher's ability to master and popularize the best practices of varied educational practices depends on his level of preparation for innovative pedagogical activities. The legal and theoretical basis of such preparation is the Law "On Education", "National Program of Personnel Training", State programs aimed at improving the continuous education system and increasing its effectiveness, State Educational Standards and gives the teacher the opportunity to develop himself and express his identity. This, in turn, is a requirement to direct the future teacher's scientific-theoretical, psychological-pedagogical, scientific-methodical training to innovative activities, to form him as a creative person who can correctly and effectively apply innovations in order to receive and evaluate pedagogical innovations and achieve educational goals. caused. By using a multimedia system in the process of teaching students, to understand their actual pedagogical activity, to a higher level to change the educational process in order to achieve results and development, new knowledge, pedagogical experience of a different quality the process of becoming is understood. Multimedia in the process of education understanding learners within the application of the system, teaching it and a new philosophical-pedagogical approach to education, development, psychological and pedagogical approaches; educational content and methods new conceptual pedagogical ideas of application; student performance and new forms of life organization and management and self-management of pedagogues in the process of education in interaction with parents and social environment, using a multimedia system to consider readiness for innovative pedagogical activity as an important quality level of professional and pedagogical training, to determine the theoretical and practical bases of preparation for innovative activity determines the urgency of developing a methodical system for the formation of such training. Pedagogical technology based on modern information technologies has entered the educational system of the Republic of Uzbekistan. Each of the modern information technologies depends on certain technical, software and other supplies. It is known that as the society develops, the organization of the use of available information resources about various issues of the economy, science, technology, culture, art, and medicine has an increasing influence on the intellectual and economic life. Every minute, a person makes a living by gathering information about the environment through his sensory organs, thinking and devising and implementing measures to solve life problems. People, wherever

they are, need to improve their skills in accordance with the needs of the times and update their knowledge base with new information. Every person has different information for himself almost every day. For example, it accepts financial, scientific or ordinary everyday events and acquires some kind of knowledge.

Needs require that the acquired knowledge can be stored in the memory and be able to apply it in practice when necessary. The purpose of this graduation work is to create the possibility of independent study of subjects with the help of a computer in the course of the lesson, the ability to use it and use animations. The scientific and practical importance of the graduation work is to increase students' interest in science and to form the effectiveness and importance of independent learning of the subject. In the teaching of computer science, it is necessary to give an understanding of the multimedia system, the importance of learning using multimedia tools, and its good sides. Multimedia instructional programs involve text, graphics, video, sound and animations, that is, when a student wants to learn a subject on his own, he starts a special program written on the computer. These programs may consist mainly of the theoretical part of science, practical training and control (test) tasks. Students will need to be introduced to the structure of the program. The knowledge gained through such programs is stored in the memory for a long time and allows to be used in practice when needed.

Multimedia is modern information that is rapidly developing technology. Its distinguishing features include: different types of information: traditional (text, tables, decorations and etc.), integrates original types (speech, music, clips from video films, TV footage, animation, etc.) into one software product. Such integration is performed under computer control using various devices for recording and displaying information: microphones, audio systems, optical compact discs, television, VCR, video camera, electronic musical instruments; Unlike text and graphics, which are static in nature, audio and video signals are processed only at certain time intervals. For processing and displaying video and audio information on a computer, the speed of the central processor, the bandwidth of the data transfer bus, operational (fast) and video memory, large-capacity external memory (mass memory), volume, and the speed of computer input channels are approximately two times increase is required; A new level of "human-computer" interactive communication, during which the user receives extensive and comprehensive information, which allows to improve the conditions of education, work or recreation. Education of students and retraining of personnel on the basis of multimedia tools is one of the current issues. Multimedia is an embodied form of delivering educational materials to students based on the effects of audio, video, mant, graphics and animation (movement of objects in space) based on software and technical tools of informatics.

Teaching students on the basis of multimedia tools has the following advantages:

A) There is a possibility of deeper and more perfect assimilation of the given materials;

B) The passion for close contact with new areas of learning will increase;

V) As a result of reducing the time of education, saving time, achieving the opportunity;

G) Acquired knowledge is stored in a person's memory for a long time, and when necessary, it is possible to apply it in practice. Wide use of modern computer technologies in the process of education and retraining of students will develop mature and highly qualified specialists in the future. Currently, multimedia systems are successfully used in the field of education and vocational training, publishing activities (e-books), business computerization (advertising, customer service), information centers (library, museum), etc. Computer teaching multimedia systems, which allow one teacher to increase the number of students, occupy a special place in deepening knowledge, shortening the duration of teaching. Computer-based teaching systems have strong networking capabilities and allow students to connect directly to a topic of interest compared to videotape courses, where information is presented sequentially. In addition, these systems are equipped with effective means of evaluating and monitoring the processes of acquiring knowledge and acquiring skills.

Among such a large number of practical multimedia systems, the Learning English in Multimedia teacher system can be distinguished. It is designed for English language teaching purposes for beginners and was

developed by IFAP/IRI (Italy). The course is built on the modular principle, each module corresponds to one or another life situation. Appropriate words, concepts, sentences and phrases are introduced for the situations under consideration and the actions corresponding to them.

In conclusion, the listeners will increase their vocabulary, learn the rules of grammar and syntax. Teaching with the help of a computer program, listening to oral speech and controlling pronunciation is completed using a video cassette and an audio cassette, as well as two textbooks with grammar rules. This method of self-control increases the effectiveness of the teaching process.

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