

# THE USE OF MULTIMEDIA TECHNOLOGIES IN LESSONS DURING THE EDUCATIONAL PROCESS AS A PERSPECTIVE OF EDUCATION

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**Abstract:**

This article discusses the effective methods and importance of using multimedia technologies in the educational process.

**Keywords:**

multimedia technologies, educational process, hypermedia, skill, animation.

Nowadays, the use of multimedia technologies in classes in the educational process is becoming more and more widespread. The intended content and purpose of the education intended for students is to prepare one student for an independent life, to acquire independent knowledge according to the students' wishes, desires and interests, and to use the acquired knowledge in the necessary places, it is to be able to effectively apply it in real life, to form initial professional and vocational skills. It is important that the use of multimedia technologies in the course of the lesson is an effective and effective way to fulfill the goals and tasks before us. For this, teachers and mentors need to be able to understand the essence of multimedia technologies and be able to keep them in their place. The concept of multimedia means a set of tools that process information in various forms. Multimedia technologies are a set of tools that process information in various forms. Multimedia technologies primarily include sound and video processing tools. In addition, multiplication (animation) and high-quality graphics are among multimedia technologies. Perhaps, in the future, multimedia tools will allow working with other types of information, for example, virtual reality. Such virtuality is mainly shown in commercials.

It is known that multimedia technologies enrich the educational process, educational material makes it possible to improve the perception of educational information. Before applying multimedia technologies to the teaching process, it is necessary to create high-precision scenarios for the topics of the lesson and create multimedia lessons based on these scenarios. We touched on the multimedia lesson scenario in a separate chapter. Multimedia is an effective interactive visual and audio effect under the control of interactive software using modern technical and software tools, which combines text, sound, graphics, photos, and video in a single digital presentation.

Hypermedia are computer files associated with hypertext media used in multimedia objects. Organization of education using computers and other Internet technologies, along with various advantages, there are also some disadvantages: it can be a problem with communication lines. Currently, such problems have been solved in 65-70% of general education schools in our country. These problems can be solved using optical compact discs

or flash drives, called CD-ROMs and DVDs in public educational institutions. Nowadays, there is no need for such disks, instead of them flash cards were used for some time. At the moment, the Internet has developed well, and after the Panimia, the use of multimedia technologies in remote classes has risen to a much higher level, but at the same time, it has revealed huge shortcomings in this field. We hope to cover distance learning clearly and clearly in one of our next articles.

Modern educational tools in our country - interactive, audio-visual, multimedia educational equipment - are not just tools that are becoming fashionable, but also a variable opportunity for the development of students' personality. The task of the modern education system is not only to impart knowledge, but also to help students to develop their creative thinking. Any theoretical knowledge should be strengthened by practice. He is active in the educational process of students

attraction, interest is very important. The use of multimedia technology in classes opens a great way for us, the teachers, to work individually with each student. The use of these multimedia technologies in teaching processes will save a lot of money for every student and teacher. The educational process is very effective on the basis of making teaching interesting and all students are fully active in it. Visual tools also play an important role in this, they develop the ability to work with different sources of information and compare the obtained results. As a result of the correct organization of the educational process, first of all, the universal effect of education, and on its basis - useful skills and abilities, and finally a wide range of potentials are formed.

Teaching through multimedia programs helps to systematize the content components of educational material on a large scale, allows learners to freely choose and switch to complete or reduced options of education. A new form of educational tools. creates opportunities not only for the creation of new opportunities for communication and information transfer, but also for the creation of new problems, solutions, and new intersection points that are unique in modern culture compared to traditional education and information media. The process of self-directed education with the help of multimedia tools requires the development and use of modern, multi-disciplinary, subject-oriented multimedia educational tools. includes a knowledge base, artificial intelligence systems, expert-teaching systems, laboratory practices with the possibility of creating a mathematical model of the studied process and phenomena. Taking into account the individual characteristics of learners and helping to increase their interest (motivation) according to its capabilities, as well as the combination of various types of multimedia educational information, interactivity, flexibility, multimedia is a useful and productive educational technology. Providing interactivity is one of the important achievements of digital multimedia compared to other means of presenting information. Interactivity refers to providing information relevant to the learner's needs. Interactivity allows you to control the presentation of information at a certain level: learners can individually change the settings defined in the program, study the results, respond to the program's request about the user's specific wishes, set the speed of presentation of materials and the number of repetitions. possible But it is important to consider a number of aspects when using

multimedia. Educational materials presented in multimedia should be easy to understand, presented using modern information and convenient tools. In order to fully reveal all the possibilities of multimedia technologies and to use them effectively, students need the support of a potential (competent) teacher. As with the use of textbooks, in the use of multimedia tools, the educational strategy is enriched with content only when the teacher is engaged not only in providing information, but also in helping, supporting and guiding the learning process. possible Presentations enriched with beautiful images or animations are usually more attractive than plain text and can complement the material being presented and provide the necessary emotional level. Multimedia tools can be used in harmony with different educational directions (styles) and by people with different mental and age characteristics of learning and receiving knowledge: some of the students directly learn through winter, and some prefer to learn and acquire knowledge by hearing and others by watching (video films). Interactive multimedia technologies provide non-traditional convenience to the learner with academic needs. In particular, it ensures the growth of phonological skills and reading skills of students with hearing impairment, as well as their visual acquisition of information. For those with speech and physical disabilities, their individual means allows you to use it based on your needs. Multimedia tools are an effective and promising tool(s) of education, which provide the teacher with a large array of information, rather than a traditional source of information; visually and harmoniously use not only text, graphics, schemes, but also sound, animations, video, etc.; creates an opportunity to select types of information in a sequence in accordance with the level of reception (perception) and logical learning of learners. From year to year, the teacher only expands and enriches such lessons.

In short, today multimedia technologies are one of the promising directions of informatization of the educational process. The introduction of multimedia technologies into the educational process is an important condition for the intellectual development of students and the socio-economic development of our society. For this reason, today's teacher should work tirelessly on himself, possess the necessary qualities for his professional expertise as a person with broad creative thinking and effective use of advanced pedagogical and multimedia technologies. In particular, the use of multimedia technologies in the educational process creates convenience. Such classes increase their interest in organizing scientific and creative work and conducting research in the future, and most importantly, in education, science and the profession of their choice.

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