



# The Importance of Multimedia Technologies in Achieving Educational Effectiveness

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## ABSTRACT

At the present stage of the development of our Republic, fundamental qualitative changes are determined in all aspects of the life of our society. It is an undeniable fact that the solution to this huge task is carried out in connection with the increase in the mental potential of our citizens. This is closely related to proper education and training. For this, first of all, it is required to bring into order the theoretical foundations of Education. Today, the process of information consumption also assumes a specific culture-it is necessary that such a form of culture becomes a component of human spiritual culture. The culture of information consumption is especially important in the current conditions, when the Internet network is rapidly developing, being one of the characteristic features of globalization processes.

## Keywords:

Technology, media, Education, Information Culture, innovation, globalization

## Introduction

Nowadays, computers are widely used in the educational process of higher, general secondary educational institutions. As you know, multimedia technology is carried out mainly with the help of computers. It is an urgent matter of the present day to educate students on the basis of Multimedia tools and to establish personnel retraining. The concept of Multimedia entered our life at the beginning of the 90s of the last century. Until the present time, the concept of multimedia has been analyzed in different ways by many experts. We believe that Multimedia is the most acceptable definition of computer science based on software and technical means of providing educational materials to students based on audio, video text, graphics and animation effects.

Informatization of society is understood as the implementation of comprehensive measures

aimed at ensuring timely and timely use of tulik and uz with enriched knowledge, reliable information in all social spheres of human activity. Information can be traced, disseminated, just like traditional resources has become an abundant resource.

## Main Part

It can be said that it is possible to say that information and communication technologies arose several millions of years ago, together with the emergence of methods of entering into interaction between mankind for the first time (making different sounds, making gestures, making mistakes). In this case, information exchange was carried out only between individuals. Along with the appearance of speech (about 100 thousand years ago), the possibility of information accumulation in the brain of people arose.



Features of Multimedia products. Let's dwell on some legal aspects related to the creation and use of multimedia, the understanding of the phenomenon of multimedia without their knowledge will not be complete.

The characteristics of Multimedia products (MP), their nature, creation and distribution are much more specific from a legal point of view.

Multimedia it is both a computer program and a new form of resource and artistic expression created using one or more programs, which allows you to convey content using various tools that can be perceived by different human emotions and even through interactive interaction with viewers. With the abundance of opportunities, this form presents certain difficulties from a legal point of view. What category of works should be classified as a multimedia product?

The fact that the attempts of computers to be widely used in education in the 70s of the last century went to ZOE, first of all, they were associated with an extremely low level of productivity. Practice shows that the effect of teaching students based on multimedia tools is twice as productive and time-consuming as compared to the traditional method. On the basis of Multimedia tools, it is possible to save up to 30 percent of time in obtaining knowledge, while the acquired knowledge will remain in memory for a long time. If students receive the given materials on a visual basis, the storage of information in memory will

increase by 25-30 percent. In addition, when educational materials are given embodied in the form of audio, video and graphics, the storage of materials in memory increases by 75 percent. We made sure of this once again in the process of learning foreign languages based on multimedia tools.

The development of Information Technology and telecommunication media in high images has brought human development to new stages, causing sharp positive changes in the life of society and the state. The number of people who are in need of this factor on today is increasing day by day. This network is a global network worldwide. After all, while Matins, images and soundscapes and a number of possibilities that inform the news that exists in it are generating great relief on all fronts, on the other hand, humanity is involuntarily drawn into the virtual world.

"Today, the development of media-education has become an objective need of the whole society, leading to serious changes in higher education, including in the legal sphere. From the rule that modernization in the higher education system is characterized by a more accelerated process of informatization of modern higher education, it is necessary to introduce media education into the curricula of higher education institutions. Such an approach will help to meet the cultural and educational needs of the student and develop the professional media-cultural component of his Person"[1].



### Results And Discussion

"The history of communications includes five important stages: the development of speech, reading and writing, printing, the emergence of electronic and digital communications. Not a single of these inventions was able to completely displace its predecessor. Today we are surrounded by a cultural environment in which speech, writing, print, electronic and digital media are used. In particular, the exact line of the border between electronic and digital communications is not visible.

For example, while television originated as electronic media, today it is among digital media. Digitization and the use of networks are consistently destroying the line between different media. This convergence of media is leading producers in the media market towards a massive " [2, 63].

Before highlighting the content and essence of the essence of the above topic, we need to understand the essence of the concept of "media culture". Opinions on Media culture are given in several foreign sources and in the scientific research of scientists of our country.

### Conclusion

In conclusion, teaching based on multimedia tools offers the following advantages and opportunities:

- the presence of the possibility of deeper and more perfect assimilation of the materials being given;
- further increase in students ' passion for close contact with new areas of Education;
- as a result of the reduction in training time, the possibility of saving time can be achieved;
- the knowledge gained can be stored in memory long enough to be able to be applied in practice when necessary, etc.

The introduction of multimedia technologies into the course process of educational institutions serves as the main factor in increasing the effectiveness of Education. Innovative technologies, including multimedia, are being implemented in the educational system. In the educational process, it is practically proven that teaching students on the basis of technical means and multimedia technologies helps to quickly and easily assimilate the knowledge given, to keep them understandable and good in memory.

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