



THE ROLE OF COMPUTER GRAPHICS IN THE EDUCATIONAL PROCESS

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Abstract. . The main idea of the national model of Personnel Training, which is consistently carried out in our country, implies the upbringing of a harmonious person. The upbringing of independent and creative thinking, the ability to work independently, which are important qualities of a competent person, is considered one of the important tasks of educational institutions. In this regard, it is of particular importance to develop students' cognitive activities and effectively organize lessons.

Keywords: personnel training, independent ability, education, computer graphics, informatics, information world.

The main purpose of the law "on education" and the "national program for training" adopted and implemented in our country is to improve the educational system and organize it at the level of the requirements of World templates, one of the main areas that should be carried out is the implementation of educational and educational work aimed at increasing the activity of students. The main idea of the national model of personnel training, which is being consistently implemented in our country, is to educate a harmonious person. The upbringing of independent and creative thinking, the ability to work independently, which are important qualities of a competent person, is considered one of the important tasks of educational institutions. Of particular importance in this regard is the development of cognitive activity of students, the effective organization of classes. In particular, the process of computer graphics education has an important place in preparing students for life, professions, in the formation of their rationalizing and inventive activities.



Such improvements will serve as a worthy contribution to the solution of the universal problem of bringing a harmonious personality to adulthood by raising the quality level of teaching computer graphics in education and the scientific and methodological level of educational content in education to a high level, increasing the effectiveness of educational education for students.

The success of educational work in computer graphics lessons largely depends on the teacher's ideological and political training and his ability to understand the most important issues posed by society. Just as the educational process is not without education, poor education and upbringing lead the student in a negative direction. Students must contribute to the important task of educating the people of the future society. In order for this contribution to be full-fledged, it is necessary to clearly and clearly understand the goals and objectives of educational work in the teaching process, mastering the subjects. When teaching, interdependence is a necessary condition for successful training. The history of cognitive activity and thoughts on its various aspects goes back to ancient times. The theory of knowledge - one of the important branches of social consciousness - emerged with the emergence of science and is continuously developing. The 21st century is the century of intellectual generations. This entails improving the content, purpose and function of the cognitive activity of the younger generation in the Republic of Uzbekistan, the forms of Organization of tools, methods and the scientific pedagogical norm of Central Asian thinker scientists. Because information such as the history of the improvement of the graphic Sciences, the contribution of Central Asian thinker scientists in it and the importance of the graphic image in human activity, firstly, gain students' interest in graphic Sciences, and secondly, in the younger generation, Central Asia creates a sense of pride in thinker scientists, and most importantly, it is important in

The first sources about student cognitive activity and its nature go back to ancient times. It was known as early as ancient times that the cognitive activity of students helps to penetrate deeply into the essence of things, processes and



phenomena, strengthens memory. The works of medieval thinkers who lived and worked in the Near and Middle East paid serious attention to the fact that the types, principles, structure, and criteria of scientific knowledge are related to human intellectual development and perfection.

Abu Rayhan Beruni's scientific heritage places great emphasis on the scientific method of studying and knowing nature. The characteristic features of the berunian scientific method are objectivity and a rational approach, observation, experiments, the study of oral and written monuments, a critical approach to evidence, their logical generalization in the form of mental conclusions and an analogy with the aim of determining the truth.

In particular, in his work "Kitab at-Tafhim", Beruniy defines a body as follows: "A body," Beruniy writes, "is that which is determined by sensation and exists in itself." The boundary of the body is the surface, the edges of the surface are the lines, the end of the line is the point".

While teachers perform educational tasks, students also have a huge educational impact. However, the educational impact of his education on the student will also depend on the spiritual image of the teacher. First of all, the correct organization of educational activities and the methods and techniques of their conduct, the validity of the material being presented, and the depth of the evidence have a great educational impact on students.

Today, a new world has appeared called the " world of information". World-wide electronic information networks based on modern technology are used with increasing success and its power is growing. In the life of each of us, the importance of the information world is growing. It is approaching remote addresses and reducing spacing in the range. Due to the development of this sphere, the so-called information cyber world, different nations of the world are valued with each other. Because this cyber world contains all the knowledge achieved in the history of mankind. Information about history, politics, culture, art, science, education, etc. is



interesting to everyone in the world. Cyberworld data can be freely used by people from all parts of the world through the computer and the Internet. Being able to take advantage of computer and Internet capabilities makes it possible to get to know, enjoy the information cyber world more widely. It allows you to instantly connect and communicate with any point in the world.

Let's say you need some information. This information is essential for your work. Finding it is a big problem. You first ask your colleagues, then you go to the information libraries or search for books in bookstores. However, the book may not be available in your city or country. You can send a letter to special centers. This center will find the information you need and send it to you. The center will also spend a lot of time and money to find this information. Finally, you will have the information. Whereas, to get the information, you spent a lot of time and cost. The saddest thing is that when you receive the information, it will not need you. Because the value of information is now measured in time. Over time, information becomes obsolete.

Problems arise from a lack of information. Such problems cannot arise now. Because computers have come to the rescue. There is a lot to say about computers. Today, even our little friends in kindergarten talk about computers.

With a computer, you can find information in a matter of minutes. It displays information on your screen in an instant from any point in the world. The computer screen takes you into the world of information. You can access and use the information databases of any world library.

You can stay up to date with the latest news from around the world, travel through the pages of history, or get other information in a short time.

To do this, you just need to click on the computer button and select the topic you are interested in. Within a few minutes, the information will appear before your eyes. It is reminiscent of a miracle. This miracle is called virtuality. You can achieve this miracle only through a computer and a special network.



"If you are aware, the world is yours," said the sultan of the ghazal, Mir Alisher Navoi. Indeed, knowledge is a collection of information. Information is an explanation, an interpretation. The one who knew was always Dipper, the one who did not know was ignorant. Man has always sought knowledge. Applied all his tools and knowledge in this regard, discovered new tools. Thus he discovered pen, typewriter, telegraph, telephone, radio, television, sputnik and, finally, computer and Internet. The maturity of a person is determined by his knowledge. The wealth of a society is determined by the knowledge of its people. The changes that have taken place in the political and economic spheres in recent years have had an impact on all areas. The 21st century has become the century of information technology. New information technology tools are computers, modems, telephone networks, audio and video studios. Journalists are no exception to this revolution, as computers are used to prepare materials for newspapers, radio, and television, as well as to create typography layouts and graphic images. That is why computers are used all over the world to collect and deliver information to readers.

What is modern information technology? Technology is a set of methods for processing and creating products. Informative technologies are actions that can be performed on this information. These are information storage, collection, performance, sorting, transmission, etc.

Modern information technologies are modern technologies that can be used to process information. Modern information technologies: computer technologies, networks, the Internet, multimedia.

The use of modern Information Technologies makes it possible to provide services to the population in information and library activities, to satisfy information queries, to receive and analyze information, to convey information, to carry out the quality of work in the information flow at the level of the demand of the period, to increase labor productivity. The main requirement of today is for information and



library professionals to freely use the above-mentioned technical tools and provide a wide range of opportunities for information recipients.

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