

Advantages of the Introduction of Digital Technologies into the Educational Process

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Abstract: In this article we will talk about the changes in the educational system, the effective tools in this process. In addition, the process of introducing various forms of digital technologies into the educational process, as well as the convenience of the process of applying these technologies were mentioned.

Key words: digital technology, online, education, process, text, animation, educational tools, educational process, information, presentation.

INTRODUCTION

Education - is the process of giving knowledge, the formation of qualifications and skills, the ability to apply acquired knowledge, skills and skills in life, is the main tool for preparing students for life and labor activity.

The process of education is a set of interrelationships between students and teachers, aimed at achieving the set goal and leading to the change in the individual qualities of the personality of the students.

The process (Latin processus - "progress"), the exact change of State in a row, refers to the direction in which something develops; secondly, it is the algorithm of certain consecutive actions to achieve the result. The elements that make up the educational process include:

- the purpose of training;
- clear objectives;
- educator;
- education recipient;
- educational content;
- method of Education;
- form of Education;
- educational tools;
- control and evaluation.

In order to achieve a good result in the educational process, all of the above elements occupy an important place. One of these is the educational tools. The role of educational means in teaching the younger generation cannot be overemphasized. At present, it is not an exaggeration to say that digital technologies are the main means of Education. It is impossible to imagine the educational process without digital technologies at this time when the Negaki technique developed. Digital technologies contribute to the formation of knowledge, skills, qualifications and compensation in students, as well as provide relief to the work activities of the teacher.

Materials and methods

The introduction of multimedia lessons into primary classes is useful in all respects. In order to interest the student in the course process in these multimedia, the following are the main tools:

- text;
- graphics;

- animation;
- voice;
- video.

Text and graphics are the main components of multimedia systems. Text without graphics does not attract a person's attention and cannot remain in his memory for a long time. This means that both graphic and color texts are well preserved in the reader's memory. Color is an important component of the text and picture. The human eye has a direct aesthetic effect on the choice of color composition, such as textual fonts and sizes, taking into account the intensity of light and the sensitivity of the three colors to red, green and blue. This, in turn, is the main support in the delivery of the selected information to the reader as well as its storage in memory.

Another important tool that affects the presentation is animation. Unlike text and graphics, this is a certain time-based media. The visual effect of animation shows its effect at each stage of the training process. Animations usually take forms like an object movement across the screen, the object is composed of user controlled movement, Bevel and full animation files. To create such objects, authorization tools are used.

It uses sound in all forms of oral communication. Technology has been used to transmit sound throughout the universe. The Voice of the teacher is considered to be the main instrument in providing knowledge to the students and delivering the information. The Multimedia system requires the use of speech, music or special sound effects. The speech used for education should be concise and integrated with the media. It is necessary to use sound effects as an addition to the text.

Video files are used to make sure the information given in the teaching process is reliable or mavhum to visualize the concepts. In addition, it is highly effective to demonstrate the movements in the joyful moments that are spent in the course of the lesson, to demonstrate them through the video, so that they better understand the text of the issues that are solved in the lessons of mathematics. Because displaying the situations described in the text with the help of actions on the screen, that is, displaying through a video file speeds up the process of understanding and understanding.

It turns out that the use of digital technologies is currently the main demand in many areas. And this, in turn, is also important for the educational sphere. Now, with the help of digital technology, teachers can provide materials more efficiently, so that the teaching opportunities are significantly increased, as well as the quality of Education.

Today, teachers can communicate with colleagues, other institutions and schools around the world. They have the opportunity to participate in webinars, video conferences, online conversations.

Digital technology in education is a way of creating a modern educational environment based on digital technologies.

In our daily lives, digital technologies are developing with great speed. The business activities of many industries are moving to digital systems: hospitals, public catering establishments, educational institutions... . Experts are increasingly working on the transfer of the school program into electronic form. In the process of carrying out this idea, not only the educational system, but also its meaning and purpose change. In this age of globalisation, the volume of internet usage will also increase as our education system moves to digital view. Because it is with this same internet connection that they can learn materials on educational platforms, perform assignments and look for the necessary information.

The modern form and content of school education is radically different from the previous system of education. Digitization of education is the naming of the process of transition to an electronic

system. At the moment, it is difficult to talk in detail about future changes, but now we can correct and change these mistakes and shortcomings. In the near future, educational materials, plans, class logs - all this goes to online views. Even now, many online platforms and applications have been created to gain knowledge. With the help of these, students will be able to master the lessons without leaving home, using the internet, as well as test their knowledge through online olympiads and tests.

Today, schools are equipped with modern technologies. In each educational institution there are computers, electronic whiteboards as well as fiber optic internet for access to the information system. It is also provided. Teachers of the current period should carefully study the system of Education, which is being updated and digitized. After all, the essence of this profession changes radically. The digitization of the educational system makes it possible to independently study educational materials. In this process, the teacher performs the functions of an assistant, a router. Since it is organized by digital technologies, the educational system implies independent work, it understands that students should strive for knowledge from an early age, achieve it with their own strength, diligence. Such digitization of the educational system will further strengthen the ability of future students to think independently.

Conclusion

The profession of a teacher is considered one of the most difficult professions. A lot of energy and effort are spent on educating the younger generation. In the digital system, the teacher's work means only orientation. The orientation of the teacher determines the direction of the development of the students. Students turn to him only in problematic situations. The digitization of education will help schoolchildren to move better in the information world in the future.

Scientists say that color images help a person to remember information better, as it turned out. Such a situation contributes greatly to the development of creative abilities. Therefore, the colorful provision of instructional materials through digital technology will not only increase the intensity of students, but also make it possible to preserve the data well in memory. This in turn contributes to an increase in the quality of education. After all, every change in the educational process and the goal of the current innovations is to bring the growing younger generation to maturity and perfection in every possible way!

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