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DIGITAL TECHNOLOGIES IN EDUCATION

It is no secret that the use of digital technologies is considered a basic requirement in many professional fields. This, of course, also applies to education. Now, with the help of digital technologies, educators can more effectively present the material, so the learning opportunities are significantly expanded.

Today, educators can communicate with colleagues from all over the world. They have long left the offline space of conferences and meetings and are happy to participate in webinars, video conferences, and online chats.

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

Digital technologies are developing at a tremendous speed. Many areas of activity are moving to digital systems: hospitals, catering establishments, educational institutions.

The modern formulation of education is fundamentally different from the old one. Digitalization of education – this is the name of the process of transition to an electronic.

So far, it is difficult to talk in detail about future changes, but already now we can say what is changing.

Study materials, plans, classes, journals, are transferred to online versions. The student is able to conduct lessons without leaving home, on the Internet. Electronic resources are created, and the student can find detailed information for classes.

Universities are equipped with modern technologies: computers, tablet panels. Each institution has an Internet connection for access to information content.

Educators have to learn the new education system. This profession is completely changing. Digitalization implies independent study of the material.

Advantages of digitalization in the future [1].

Training for independence. Since the future system implies independent work, the trainee will understand from childhood that he himself should strive for knowledge. Such education will make the character of a person more solid in the future. Without the excessive care of educators, the student will achieve better results.

No paperwork involved. Students have to carry several textbooks and notebooks at once, which take up a significant amount of space and weigh a lot in the bag. The computer will fit all the textbooks and manuals, and the tablet will replace workbooks.

Simplify the work of teachers. The educator's profession is considered one of the most difficult. A lot of energy and nerves are spent on educating. In the digital system, the work of an educator means only help. The educator sets the direction in which the students develop. Students turn to it only in controversial situations.

Step into the future. The transition to digital education is a significant stage in the creation of Internet technologies. Digitalization of education will help students better navigate the information world in the future.

Disadvantages of online education.

The risk of a negative result. These changes will be drastic. There is no way to say for sure whether such an innovation will be positive. This system is used for the first time, so you will not be able to compare it with something similar.

Reduced mental activity. This phenomenon can be observed even now. A person does not need to think about something, he has stopped extracting information independently. It is enough to have access to the Internet to find out the necessary information. This leads to a weakening of the thinking abilities.

Poor socialization. When a student first comes to school, there is only a small chance that he will meet a friend there. The child immediately falls into another society, where he does not know anyone. In the institution, he receives not only knowledge, but also finds friends, learns to interact with society. The information system significantly reduces the level of socialization of a person. This will affect the further development of the personality.

Problems with physical development. Vision and fine motor skills will change first. Prolonged exposure to screens leads to eye fatigue. Over time, they will appear: dryness; redness; irritation; visual impairment. In the next generations, it is unlikely that there will be a person with good eyesight. However, perhaps in the future, technology will become safer for children's development. Working with the keyboard and tablet will change the physiology of the fingers. The structure of bones, joints, and muscles may change.

Absolute control. This applies to students, educators, and parents. A personal file is created for each person, and detailed information about the family is collected. This will lead to total control of society.

There are a huge number of technologies. Modern digital technologies include: the technology of joint experimental research of a teacher and a student, «virtual reality», the technology of »panoramic images», «3D modeling», «educational robotics», the technology of MSI (the use of small means of informatization), multimedia educational content, interactive electronic content, etc. [2].

Multimedia technologies are harmoniously implemented in the educational process. The informatization of society and, as a particular manifestation, the digitalization of education lead to the emergence of new technologies for the organization of education. One of these technologies, reflecting the consequences of informatization, is open education, and one of the effective methods of expanding and globalizing the open educational space is the development of distance education technologies as the most important component of the emerging education system

It will be possible to evaluate all the pros and cons of such a system and its consequences decades later. When the time comes, the whole structure of education will change. Whether this is good or bad will be decided after a while.

Reference list

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