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HIGHER DISTANCE EDUCATION

Annotation. The article is devoted to an urgent problem - the prospects of using one of the forms of ICT - distance learning. The author compares the advantages and disadvantages of using distance learning, talks about designing a distance course. Using the example of the developed own distance course, the author shows the effectiveness of using distance learning technologies as one of the forms of organizing work with gifted children.

 Key words: information technologies of teaching, distance technologies.

In the modern 21st century, science and technology are well developed. It is always a great achievement for the phenomena of nature and its laws to reach the worlds where people thought, worried, inexplicable, undiscovered, with all their consciousness, knowledge and experienced intellect.

Strategists call distance learning the education system of the 21st century. On this day, great importance is attached to it. The fact that the results of social progress, previously focused on technology, are now centralized in the information space, has increased the importance of distance learning. The era of computer science has begun. Its current stage of development can be described as telecommunications. This is the area of communication between information and knowledge. As vocational education quickly becomes obsolete, it needs to be constantly improved. Today, the form of distance learning, regardless of time and space, forms and implements a system of continuous general education, mutual exchange of information. In addition, the distance learning system guarantees the right to education and information regardless of social status (pupils, students, civilian and military, unemployed ...) in any part of the country and abroad. Only this system is the most effective and flexible in ensuring the right of citizens to education and meeting the needs of society. Based on the above factors, distance learning is the most effective system of the 21st century in teaching and maintaining a high level of qualifications.

 Relevance of the research topic. Computer science is one of the main sciences in the development of technology.

Technology is the practical application of science. Technology is the foundation of the modern world. This is a great achievement of a person with consciousness, knowledge and experienced intellect. This is science, progress.

In the future, space exploration, the expansion of the human habitat, in particular, will solve environmental problems and reveal all the subtleties of informatics. At the same time, if we effectively use distance learning aside from unresolved issues, we will get rid of many unpleasant situations and difficult topics. And the concept of new communication technologies in education arises from computer technology and electronic reference systems, as well as from the constant search for new teaching methods. His teaching methodology changes over time. Currently, innovative teaching is widely used in didactics, so distance learning plays an important role. Don't confuse distance learning with distance learning. The main difference is that distance learning provides systematic and effective interactive learning. Distance learning should be considered as a new form of education, and, accordingly, distance learning (as a result of learning, both the system and the process itself) should be considered as a new form of learning. Of course, this cannot be considered an advanced form of other educational systems. Distance learning is based on the same content and goals as day education. However, the type of presentation and the teacher-student, student-student relationship will be different. Didactic principles of distance learning (scientific, systematic and systematic, principles of activity, developmental learning, visualization, differentiation of learning and principles of individual learning, etc.) The same as in full-time education. However, the implementation of distance learning will be different, depending on the capabilities of the Internet information environment and its activities. Thus, on the one hand, distance learning should be considered among general education (in the system of lifelong education), taking into account the specifics of some of its aspects. On the other hand, distance learning should be distinguished as a system and a process. Distance learning is a process. Distance learning is a system. Like other forms of education, distance learning offers a theoretical understanding of the stages of pedagogical design, its content and the teaching staff (methodology in terms of pedagogical technology, forms of education). It follows that the tasks of the pedagogical design stage are: electronic courses, electronic textbooks, a set of textbooks, the development of pedagogical technology for organizing the educational process online. A distance learning course requires careful and accurate planning and organization of students' activities, a clear definition of the goals and objectives of learning, the provision of the necessary teaching materials that ensure interactivity between the student and the teacher, feedback between the student and the educational material, and the creation of conditions for group learning. The presence of effective feedback allows you to get information about the correct movement of the student from ignorance to knowledge. Motivation is also an important part of any distance

learning cruise. It is important to use different methods and tools to encourage it. Ancillary components (invariant) should also be considered when organizing distance learning courses. Distance learning can be divided into two main parts: technical and didactic. The technical part is well developed. His tools are telecommunications, audio and video recordings, local and global computer networks. In an organized didactic structure, distance learning is a key component of learning. Time has shown that distance learning is beneficial for both students and teachers. The attitude of parents to the distance learning system is well formed. Distance learning, especially for parents, improves the financial situation.

Understanding the task of distance learning, we conducted a monitoring analysis among students. According to the monitoring results, distance learning has a positive effect on the learning process. In distance learning, the teacher and the student interact mainly using information and communication technologies, the computer and the Internet are intensively used. When learning over the Internet, the student:

• chooses his own "peak learning time" for classes;

• can learn "at his own speed" and in a convenient mode;

• can focus on certain parts of the teaching material;

• can check himself daily;

• can interact more with the teacher;

• get the information you need faster.

What are the benefits of distance learning?

1. Manufacturability - New technologies make it possible to make visual information bright and dynamic, to build the educational process itself, taking into account the active interaction of the student with the training system.

2. Accessibility and openness of learning - the ability to learn without leaving your home. At the same time, use courses located in other cities (distance learning via the Internet), independently allocate your time.

3. Freedom and flexibility, there are new opportunities for choosing a course of study. Possibility of training disabled people.

4. Individuality of distance learning systems. Distance learning is more individualized and more flexible. The student himself determines the pace of learning, can return several times to individual lessons, can skip certain sections, etc. The student can study the training material during the entire time of study, and not just before a specific lesson, which ө deeper residual knowledge. Such a

learning system forces the student to study independently and develop self-education skills.