

Organization Of Interactive Education Based On Digital Technologies

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Abstract: This article examines the importance, possibilities and application in modern pedagogical practice of organizing interactive education based on digital technologies. Today, the enrichment of the educational process with digital technologies encourages students to learn in a more active and motivated state. The article analyzes the impact of interactive educational platforms on pedagogical approaches, the role of digital tools in the development of students' abilities, and the effectiveness of interactive methods. The interaction between teachers and students using digital technologies, the development of distance learning, and the possibilities of an individual approach through online platforms are considered. Such interactive educational methods support students' independent thinking, creativity, and self-development. The article also emphasizes the need to develop methodological skills and pedagogical competencies necessary for the successful use of digital technologies in education.

Keywords: digital technologies, interactive learning, pedagogical approaches, distance learning, online platforms, development of student abilities

In recent years, as the education system has undergone rapid changes globally, the integration of digital technologies into education has become increasingly important. Digital technologies are creating broad opportunities for improving the efficiency of the educational process, stimulating student activity, and developing new pedagogical methods for teachers. The use of digital technologies in education has developed interactive approaches that allow for individual approaches tailored to the specific needs and abilities of students.

Interactive education is a form of education that is organized on the basis of active communication and cooperation between teachers and students, requiring the active participation of students. This educational model, further expanded with the help of digital technologies, serves to develop students' independent learning abilities, freely express their thoughts, and cultivate a creative approach. Through distance learning and online platforms, students have the opportunity to learn anywhere and anytime, making the education system more flexible and efficient.

However, for the successful use of digital technologies in the educational process, teachers must have modern methodological skills. At the same time, it is important to create harmony between pedagogical approaches, technological tools and methodologies in organizing interactive education. The article analyzes the theoretical and practical aspects of organizing interactive education based on digital technologies, its role and effectiveness in the education system, as well as the problems and opportunities that arise in the pedagogical process. This approach is of great importance in modernizing the educational process, developing students' abilities and increasing pedagogical efficiency.

Organizing interactive education based on digital technologies plays an important role in stimulating the active participation of students, developing their independent thinking and creative abilities. However, this process also poses its own pedagogical and methodological difficulties. Through the use of digital tools, teachers have the opportunity to provide students with a more flexible and individual approach. However, to fully utilize these opportunities, teachers must have the necessary knowledge and skills to use digital technologies for pedagogical purposes.

To effectively organize interactive learning, the teacher must effectively use not only technologies, but also pedagogical methods. One of the important aspects of this process is the teacher's ability to correctly identify the needs and abilities of students and develop appropriate educational strategies for them. Such an approach helps to better develop the individual capabilities of students, motivate them further, and encourage them to actively participate in the process of independent learning. Also, interactive education based on digital technologies requires major changes in the education system. The effective use of technologies for students allows them to change their learning styles and increase their independence in acquiring new knowledge. However, for the successful implementation of this process, it is necessary to systematically take into account the needs for pedagogical training, methodological manuals, and digital platforms. It is important to teach teachers to use modern technologies in the pedagogical process and to increase their digital competencies.

In addition, technical infrastructure and access to the Internet play a significant role in involving students in the educational process through distance learning and online platforms. Limited access to technology in some regions, difficulties in meeting students' needs for digital tools can reduce the effectiveness of interactive education. Therefore, the measures taken by the state and educational institutions to create advanced infrastructure are of great importance in the development of digital education. In general, an interactive education system based on digital technologies affects the general educational activities of students, providing them with a high level of motivation and independence in mastering new knowledge. However, for its successful implementation, it is necessary to choose the right pedagogical approaches, increase the digital competencies of teachers, and develop the technological infrastructure to meet modern requirements.

Digital technologies are creating great opportunities for the modernization of education, which increases the activity of students, serves to develop their creativity, independent thinking and learning skills. The contribution of interactive educational platforms to pedagogical approaches provides an opportunity to develop approaches that meet the individual needs of students.

However, in order to fully benefit from this approach, teachers need to have the knowledge and skills to effectively use digital technologies for pedagogical purposes. Also, for the successful implementation of the digital educational process, it is necessary to overcome the difficulties of technical infrastructure, students' access to technological tools, and distance learning.

In conclusion, interactive education based on digital technologies significantly improves the learning process of students and increases the quality of education. However, for its successful implementation, it is necessary to develop pedagogical competencies, update methodologies, and strengthen technological infrastructure. Thus, in order to fully utilize the potential of the digital education system, it is important to ensure effective cooperation between all participants - teachers, students, and education system leaders. The process of organizing interactive education based on digital technologies serves as an important factor in modernizing the pedagogical process, increasing student engagement, and improving teaching efficiency. Active participation of students in the learning process helps to develop their independent thinking skills, enhance creativity, and effectively use technical means.

The use of digital technologies in interactive education allows students to learn new knowledge independently, without being limited to the materials provided by the teacher. Through distance learning and online platforms, students have the opportunity to receive education in their own time, in accordance with their needs. This makes the educational process more transparent, flexible and individualized. However, there are a number of problems for the successful use of digital technologies in interactive education. The need to improve the digital competence of teachers is an urgent issue, and teachers may not be sufficiently prepared on how to use modern technologies for pedagogical purposes. This can negatively affect the effectiveness of the educational process.

Technical infrastructure issues are also important. In many regions, limited access to the Internet or a lack of technological tools prevents students from fully participating in education. An education system based on digital technologies may not be fully effective if such infrastructure is insufficient.

To effectively use digital technologies in the educational process, teachers must not only be familiar with technological tools, but also adapt pedagogical approaches to modern requirements to help students master their knowledge. For example, it is important to create a variety of interactive materials taking into account the individual characteristics and abilities of students, and to use visual and interactive elements to attract students' attention and increase their motivation.

At the same time, for the successful implementation of interactive education, it is necessary to constantly develop teachers through training courses, courses and methodological seminars. This will help to increase their digital competencies and effectively use pedagogical technologies. In addition, the participation of teachers in the introduction of new pedagogical approaches, methodologies, and technologies plays an important role in improving the quality of the education system.

As a result, the organization of interactive education based on digital technologies is extremely important in ensuring the self-development of students, adapting teachers to updated pedagogical methods, and improving the quality of the education system. However, to ensure the effective use of digital tools, it is necessary to develop infrastructure, increase teachers' digital and pedagogical competencies, and expand access to technological tools.

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