



TA'LIM JARAYONIDA INTERAKTIV TEXNOLOGIYALARNING ROLI

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Annotatsiya: *Ushbu maqolada ta'lim jarayonida interaktiv texnologiyalarning ahamiyati, ularning o'quvchilarning bilim olish samaradorligini oshirishdagi o'rni yoritilgan. Zamonaviy pedagogik yondashuvlar asosida interaktiv metod va vositalardan foydalanish o'quvchilarning faolligini kuchaytirishi, mustaqil fikrlashini rivojlantirishi hamda dars jarayonini yanada qiziqarli va samarali tashkil etishga xizmat qilishi tahlil qilinadi. Shuningdek, interaktiv texnologiyalarni amaliyotga joriy etishning afzalliklari va muammolari ko'rib chiqiladi.*

Kalit so'zlar: *interaktiv texnologiyalar, ta'lim jarayoni, pedagogik yondashuv, innovatsion metodlar, axborot texnologiyalari, o'quv faoliyati, mustaqil fikrlash, samaradorlik, raqamli ta'lim, didaktik vositalar.*

РОЛЬ ИНТЕРАКТИВНЫХ ТЕХНОЛОГИЙ В ОБРАЗОВАТЕЛЬНОМ ПРОЦЕССЕ

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Аннотация: *В данной статье рассматривается значение интерактивных технологий в образовательном процессе, а также их роль в повышении эффективности усвоения знаний учащимися. Анализируется, как использование интерактивных методов и средств на основе современных педагогических подходов способствует активизации обучающихся, развитию их самостоятельного мышления и организации учебного процесса на более интересном и эффективном уровне. Также рассматриваются преимущества и проблемы внедрения интерактивных технологий в практику.*

Ключевые слова: *интерактивные технологии, образовательный процесс, педагогический подход, инновационные методы, информационные технологии, учебная деятельность, самостоятельное мышление, эффективность, цифровое образование, дидактические средства*





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THE ROLE OF INTERACTIVE TECHNOLOGIES IN THE EDUCATIONAL PROCESS

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Annotation: *This article examines the importance of interactive technologies in the educational process and their role in improving students' learning effectiveness. It analyzes how the use of interactive methods and tools based on modern pedagogical approaches enhances student engagement, develops independent thinking, and makes the learning process more interesting and effective. The advantages and challenges of implementing interactive technologies in practice are also discussed.*

Keywords: *interactive technologies, educational process, pedagogical approach, innovative methods, information technologies, learning activity, independent thinking, effectiveness, digital education, didactic tools.*

The changes currently taking place in the education system are associated with a shift toward an innovative, personality-oriented developmental paradigm of education, as well as the need to utilize human intellectual and creative potential for creative activity in all spheres of life. One of the most important elements of the comprehensive transformation of the education sector is the transition to a two-tier system of education, based on a competency-based approach and the mandatory implementation of the credit system.

An analysis of federal state educational standards and regulatory legal documents shows that such a transition in the education system leads to changes in the requirements imposed on the educational process. One of these changes can be considered the requirement to use interactive teaching methods in the process of educating learners. [1]

Interactive teaching methods are among the most important tools for enhancing the intellectual potential of learners. It is no longer sufficient for a teacher to simply be competent in their subject area and deliver theoretical knowledge in the classroom. A different approach to the modern educational process is required.

The learning process is organized in such a way that almost all students are involved in the process of cognition, and they have the opportunity to understand and reflect on what they know and think. A distinctive feature of interactive methods is the high level of mutually directed activity among participants, as well as their emotional and intellectual unity.

Interactive activity is focused on five key elements:

- positive interdependence;
- individual accountability;
- promotive interaction;





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- collaborative skills;
- group work. [2]

Modern society is extremely rich in information, where speed, flexibility, and openness to innovation have become some of the key requirements. In such conditions, students are expected not only to acquire ready-made knowledge but also to analyze it deeply, draw independent conclusions, approach problems creatively, and apply their knowledge in real-life situations. From this perspective, interactive technologies occupy a special place as an important tool for organizing the educational process effectively.

Interactive technologies transform the educational process from a traditional format into a learner-centered system. In this approach, the teacher is no longer the sole source of knowledge but acts as a facilitator, advisor, and organizer of the learning process. Students, in turn, become active participants in the classroom, expressing their ideas freely, working in groups, and solving problems collaboratively. As a result, their communication skills, teamwork abilities, and critical thinking skills are significantly developed. [3]

Furthermore, interactive technologies play an important role in increasing students' interest in learning. Various methods such as brainstorming, clustering, discussions, and role-playing make lessons more dynamic and engaging. This approach helps maintain students' attention for longer periods and encourages active thinking.

In addition, the development of information and communication technologies has further expanded the possibilities of interactive education. The use of multimedia tools, electronic textbooks, virtual platforms, and online learning resources makes educational content more visual, understandable, and memorable. Especially in the context of distance learning, interactive technologies serve as a crucial factor in ensuring the continuity of the educational process.

At the same time, there are certain challenges in implementing interactive technologies in the educational process. In particular, insufficient technical equipment in some educational institutions, low internet speed, or teachers' lack of adequate skills in using modern technologies may negatively affect the effectiveness of this process. Therefore, improving the qualifications of teaching staff, training them to use innovative methods, and equipping educational institutions with modern technical tools remain urgent tasks. [4]

Interactive learning increases the motivation and activity of participants in solving the problems under discussion. It provides an emotional stimulus for their further exploratory activity, encouraging them to take concrete actions, and makes the learning process more meaningful. The use of self-presentation technology is particularly important for future specialists, as it helps them develop skills such as public speaking and writing about themselves—skills that are essential for successfully passing selection stages during employment.

In this regard, its implementation in higher education practice should help students to:

- learn the general and specific principles of constructing a presentation;
- master the algorithm for preparing materials for a speech;





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- develop the ability to use tools and methods for effective information presentation;
- identify the advantages, nuances, and complexities of public communication;
- analyze the quality of materials prepared for a presentation. [3]

The educational process organized on the basis of an interactive approach places the learner at the center and transforms them from a passive listener into an active participant. As a result, students strive to acquire knowledge independently and develop the ability to apply what they have learned in real-life situations. This fully corresponds to the main objectives of a competency-based approach.

Moreover, interactive teaching methods serve as an important factor in improving the quality of education, increasing the effectiveness of lessons, and stimulating students' interest in learning. These methods yield even higher results when applied in conjunction with modern information and communication technologies. At the same time, they require teachers to possess a high level of pedagogical skill, creativity, and an innovative approach. [4]

In conclusion, the widespread use of interactive teaching methods is one of the most pressing tasks of today's education system, as it plays a crucial role in developing the learner's personality and shaping their knowledge, skills, and competencies. Therefore, the effective and systematic use of interactive methods in the educational process is one of the key factors in ensuring modern, high-quality, and result-oriented education.

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