WORLD CONFERENCE ON STUDENT - CENTERED LEARNING APPROACHES

METHODS OF APPLYING INNOVATIVE TECHNOLOGIES IN THE EDUCATIONAL PROCESS

Niyazmetova N.B.

Teacher, Department of Primary Education Pedagogy

Uzbekistan National Pedagogical University named after Nizami

Xalmuratova D.O.

2nd-Year Student, Primary Education Program

Uzbekistan National Pedagogical University named after Nizami

Annotation: This article analyzes the theoretical and practical aspects of applying innovative technologies in the educational process. It examines the role of modern pedagogical approaches, interactive learning tools, digital platforms, and virtual resources in effectively organizing students' knowledge acquisition.

Keywords: innovative technologies, educational process, modern teaching methods, digital education, interactive methods, pedagogical innovations, e-learning, creative thinking, quality of education, increasing students' activity.

Аннотация: В данной статье анализируются теоретические и практические аспекты применения инновационных технологий в образовательном процессе. Рассматривается роль современных педагогических подходов, интерактивных образовательных средств, цифровых платформ и виртуальных ресурсов в эффективной организации процесса получения знаний учащимися.

Ключевые слова: инновационные технологии, образовательный процесс, современные методы обучения, цифровое образование, интерактивные методы, педагогические инновации, электронное образование, креативное мышление, качество образования, повышение активности учащихся.

Annotatsiya: Ushbu maqolada ta’lim jarayonida innovatsion texnologiyalarni qo‘llashning nazariy va amaliy jihatlari tahlil qilinadi. Zamonaviy pedagogik yondashuvlar, interaktiv ta’lim vositalari, raqamli platformalar va virtual resurslar o‘quvchilarning bilim olish jarayonini samarali tashkil etishdagi roli ko‘rib chiqiladi.

Kalit so‘zlar: Innovatsion texnologiyalar, ta’lim jarayoni, zamonaviy o‘qitish usullari, raqamli ta’lim, interfaol metodlar, pedagogik innovatsiyalar, elektron ta’lim, kreativ fikrlash, ta’lim sifati, o‘quvchilarning faolligini oshirish.

In his address to the Supreme Assembly, president of the Republic of Uzbekistan Shavkat Mirziyayev proposed to name 2018 as the year of support for active entrepreneurship, innovative ideas and technologies. The head of our state noted the following about the importance of innovation. "Innovation means this future. When we start building our great future today, we must start it precisely on the basis of innovative ideas, an innovative approach.” In 2018, among the main tasks of the development of innovation in our republic, the following was established: ”Next year, the task of developing scientific research and innovative activities, mobilizing the necessary financial resources for this, unilaterally supporting the participation of talented young people in this process, creative ideas and developments will be the focus of our attention.” [1]

Let's dwell a little on the meaning of the word “innovation” before entering the topic. The word innovation is the practice of a newly created thing, idea or process. This includes innovations based on scientific and technical achievements, technologies, management methods and Applied Innovations in other fields. Innovation should ensure the achievement of a great socio-economic effect in practice.

Innovative technologies are the introduction of advanced pedagogical ideas, digital tools, interactive methods and modern methods into the educational process. They activate students, develop independent thinking and, raising the quality of teaching, make the learning process interesting and effective.

The urgent problems of applying innovative technologies of the educational process are the lack of technical means, for example, in many educational institutions there is not enough computer, projector, internet speed, insufficient skills in working with modern technologies have not been formed. Most educational institutions do not have the opportunity to purchase updated technologies.

In order to bring pedagogical innovations into the life of an educational institution, a wide range, it is required to create an atmosphere of innovation in it, the formation of a certain moral psychological state, the application of measures in an organizational, methodological, psychological character. To this end, it is necessary to set the task of developing creative thinking of future educators, to consistently arm them with pedagogical innovations, to teach them to analyze and implement innovative methods.[2]

Innovative technologies: increases the effectiveness of the educational process, develops students ' skills of independent work, allows you to associate knowledge with practice, is organized with reference to modern information and communication technologies.

Currently, the following innovative technologies are widely used in the educational system:

1. ICT (ICT).

Organizing classes with the help of computers, the internet, multimedia tools, interactive whiteboards will help students to master knowledge more deeply, both visually and by hearing. Online platforms, electronic textbooks and educational applications increase the effectiveness of the educational process.

2. Interactive educational methods.

Techniques such as" bainshtorming“," mind attack“," cluster“," Insert“," debate“," role-playing " encourage students to be active. Through these methods, students exchange ideas, base their point of view and acquire skills to work in a team.

3. Project Education Technology.

Project education develops the student's search for mustqail. They prepare a project on a particular topic, are sought, analyze information and present the result. This technology forms creativity and responsibility in students.

4. Personality-oriented technologies. These technologies are aimed at prioritizing the individual in education and training. The entire educational process is aimed at the development of personality, taking into account the peculiarities of personality and development.

5. Didactic technologies. They are the main factor in the development of an educational institution. Such technologies are based on a complex of techniques and tools that include the use of traditional and innovative technologies: independent work with educational literature, the use of audiovisual, multimedia tools, differentiated teaching methods.

The peculiarity of using innovative technologies in the course of the lesson is that they are carried out through the joint activities of teachers and students. The teaching process involves the activities of the teacher as well as the students. The activities of the teacher consist in outlining the educational material, gaining students ' interest in science, teranizing their opinion and forming their beliefs, leading independent classes of students, checking their knowledge, skills and qualifications, and evaluating them.

In conclusion, the application of innovative technologies in the educational process is one of the most pressing issues of today. Modern education cannot achieve high results without innovative approaches. Therefore, each educator must master innovative technologies, correctly and efficiently apply them to the course process. This serves to educate the younger generation, who have a harmonious, competitive and modern knowledge.

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