

Modern Mechanisms of Explaining Combinatory Elements to Primary Class Students

Abdulkhayev Abduvokhid, Abduvahobov Shohruhbek, Uzoqboyev Khojiakbar
Namangan State University teacher

Abstract: In this article, solving problems through modern mechanisms of explaining the elements of combinatorics to elementary school students, active use of advanced pedagogical technologies in today's education process, increasing educational efficiency, analysis and implementation are among the important tasks of today. one of them, the importance of developing students' thinking, consciousness, worldview, making them free thinkers, free participants, and improvement of interdisciplinary integration in mathematics classes are discussed.

Keywords: modern mechanism, elements of combinatorics, competence approach, algorithmic, outlook, competence, improvement.

The future of our country today depends on our children who receive education and education in schools, on whether they grow up to be mature and competent people in every possible way. The performance of this task requires the teacher of the present time, especially primary school teachers, to constantly improve their skills, correctly grasp the essence of the consistent techniques of advanced pedagogical technologies and skillfully use it in their lessons. One of the most important tasks of today is the active application of advanced pedagogical technologies in the educational process, increasing the effectiveness of education, its analysis and introduction into practice. It is important to cultivate the circle of thought, consciousness, worldview of students, to turn them into free-thinking, free participants.

We accept the modern didactic system of higher education, supplemented by the integrative principle of teaching organization as the general didactic basis of the theory of teaching the primary school teacher [2].

Integrated courses include a combination of the following subjects: mathematics-natural sciences, mathematics-fine arts, mathematics-labor education, mathematics-physical education, mathematics-foreign languages, mathematics-technology [3].

Dear President Sh.As Mirziyoyev noted “ ” mathematics is the basis for all sciences. A child who is well versed in this science grows up smart, broad-minded, successfully working in any field.” In our country, mathematics has been defined as one of the priorities for the development of Science in 2020, and a number of systematic works are being carried out aimed at bringing the development of Mathematical Science and education to a new qualitative stage. In particular, the decree of the president of the Republic of Uzbekistan dated April 29, 2019 PF-5712 “the concept of development of the public education system of the Republic of Uzbekistan until 2030”, dated May 7, 2020 “on measures to improve the quality of education in the field of Mathematics and the development of research”PQ - 4708, in the appeal to the Supreme Assembly on January 24, 2020, set a number of significant tasks on the comprehensive improvement and development of Mathematical Science and education.

The history of combinatorics, several thousand years ago in China, studied the issue of constructing magic squares, the theory of figure numbers in ancient Greece. Later, games such as drafts, cards,

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haste, domino, have generated combinatorial issues. Combinatorics issues the famous mathematician of the Ulugbek school in Samarkand, Gidosiddin Jamshid Koshiy, who lived and worked in the 10th century Omar Khayyam, later European scientists, including B.Pascal, J.Cordano, G.Leibniz, Y.Bernoulli, P.Farm, L.Found in the work of Euler and other scientists. In the XVII century, combinatorics arose as an independent science in connection with the creation of the theory of probability.

In the resolution 997 of the Cabinet of Ministers of the Republic of Uzbekistan on measures to organize international research in the field of assessing the quality of education in the “public education” system, the most priority task was taken:

- Study based on the results of International Studies;
- Pisa, questions in the direction of the PIRLS assessment program National to create some and integrate into curricula;

The main content of the decision is to encourage young people to think in a new way. It consists in the formation of new ideas, new technologies in the minds of the youth of our nation and ensuring that this learned knowledge can be applied in life. The president noted “ ” We must constantly teach young people to think, think, and live in a new way.” And the solution to this issue is, of course, the reform of Education. When we change education, we change a person. We change society when we change a person.

The importance of each discipline taught in general secondary schools is determined by its role in the development of technology, in the field of production and in everyday life. In this regard, higher tasks are set for the education of mathematics.

Today, mathematics classes are often held in the traditional way. Interdisciplinary integrations, new innovative technologies are practically not used. The PISA assessment program is only used by students of specialized or presidential schools. Classes are not conducted on the basis of a competency approach.

But, as the distinguished president of our first mission noted “ ” raising our children as independent-minded, modern people of knowledge and professions, with a strong life position, truly patriotic people is a matter of urgent importance for us.”

Therefore, it is necessary that we make appropriate use of modern technologies in the lessons. We need to grow modern educators and develop modern teaching technologies that keep pace with the Times and make them our main goal. As the main description of the technology of teaching in modern pedagogy, attention is paid to such aspects of it as systematicity, science, recoverability, coherence, efficiency, algorithmicity of quality and motivation, informativeness, the possibility of copying, the possibility of transferring to new conditions.

Why do we actually study each subject? Of course, through the knowledge we acquire, we learn to further simplify our lives, to apply them to our lives in their place. We call it competence in the language of science.

Education based on a competency approach is characterized by the fact that students can apply the information they have mastered in standard and non-standard situations of types of educational and life activities.

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