



MODERN METHODS OF TEACHING MATHEMATICS

Adxamov Xasanboy Abdusalom ògli

TATU Academic Lyceum named after Muhammad Al-Khorazmi Mathematics

Abdurashitov Raxmatullo Abduxamitovich
Mathematics

ABSTRACT

The article discusses the possibilities and advantages of using interactive methods in mathematics lessons.

KEY WORDS

school, education, interactive, teacher, pupil, spiritual-moral education, lesson, method.

INTRODUCTION

Today, the huge creative works, education and the laws and decisions adopted in the field of education are defined in our "National Program" given great goals to make today's teacher work harder, calls for research. Having a positive result of these goals, first of all, to thoroughly teach the young generation the basics of scientific knowledge, which are extensive formation of worldview and scope of thinking, spiritual and moral qualities with the effective organization of educational work on formation depends. After all, to create a bright perspective of the country, to spread its name to the world spreading the national-cultural heritage created by great ancestors to the society showing, enriching the young generation as a perfect person and a qualified specialist depends on education. In this case, by employees of the continuous education system, pedagogues-teachers awareness of the essence of modern educational technologies and their that they can use it effectively in the educational process, as well as organize the educational process. It is important to decide on a creative approach. Teacher-directed lessons in teaching mathematics organization of the process in non-traditional ways, a perfect model of the educational process to achieve design on the basis of, to be able to use these projects wisely acquiring skills requires thorough theoretical knowledge by learners, deep assimilation, formation of practical skills and qualifications can be guaranteed.

The educational process serves to clarify the content of the educational material allows to express a set of theoretical and practical knowledge on the subject. In terms of education, it should also be mastered by students the scope of understanding, skills and qualifications should also be able to express itself. After all, the ideological perfection of the educational content is provided by the students determined by the level of acquisition of specific knowledge, skills and qualifications. The effect of this is the acquisition of certain concepts by students, development of conditions that ensure the formation of skills and qualifications it is manifested in its development. It is the form of the lesson, methods and tools that make the educational process successful will lead to provision. Only

with their help is the subject of the study subject theoretical knowledge is transferred to the students, and the students knowledge is accepted. Determination of methods and tools is about 90 percent of the educational process guarantees success. The main of new, modern pedagogical technologies the essence is revealed at this stage. Students' creative research, form of education, methods and tools leading to activity, free thinking the right choice makes the lesson process effective, interesting, full of debates, encourages the emergence of creative disputes. Only in this case students take the initiative, and the teacher is responsible directing their activity in a certain direction, controlling the general activity to be able to do, to guide in difficult situations, to give advice, and tasks such as evaluating their performance remain.

Pedagogical technologies cannot be used forcibly. Vice versa, based on or used by experienced pedagogues along with appropriate use of advanced technologies, creatively development is appropriate. Today, it increases the educational and creative activity of students pedagogical technologies that guarantee the effectiveness of the educational process a lot of experience has been accumulated in the application, which forms the basis of this experience methods are called interactive methods. Some of the interactive methods used in mathematics classes. Let's look at their essence and ways of using them.

"Brainstorming" method. This method is in the process of students' lessons ensuring their activities, encouraging them to think freely and the same liberation from the inertia of thinking, diverse ideas on a specific topic collecting, as well as at the initial stage of the process of solving creative tasks serves to learn to overcome emerging thoughts.

"6x6x6" method. 36 people at once using the "6x6x6" method solving a certain task or problem by involving the student in a specific activity to achieve, as well as to determine the capabilities of each member of the groups, their views can be found out. In the training organized based on this method 6 groups with 6 participants in each are divided by the teacher discusses the problem. When the time is up the teacher reorganizes 6 groups. In each of the re-formed groups one representative from the previous 6 groups. The members of the newly formed group the conclusion presented by the group of teammates as a solution to the problem they explain and discuss these solutions together.

"Cluster" method. Cluster method is pedagogical, didactic is a specific form of strategy, which is about optional problems for students to create conditions for free, open thinking and free expression of personal thoughts will help. This method is about connections between different ideas requires identifying the structure that enables thinking. The "cluster" method is considered a form of thinking that is not directed to a specific object. From him It is used in connection with the principle of human brain activity increases. This method is used by students of a specific topic in depth and that the activity of thinking should be in a rhythm until it is thoroughly mastered serves to provide. The method is group-based training and by students it is manifested in the form of a set of expressed ideas. This has been put forward creates an opportunity to generalize ideas and find connections between them.

"Ingenious clever" method. Thorough assimilation of existing knowledge It is important that students have the ability to think and think have "Zakovatli Zukko" method develops quick thinking skills in students shaping also helps to determine their thinking speed. The method is convenient for students who want to test their knowledge creates an opportunity. They answer the questions asked by the teacher in short periods they must be able to give correct and accurate answers. The level of complexity of the questions points are assigned for the correct answer returned to each question. The method is the same for individual, group and mass work with students can be used.

"Charkhpalak" method. Training sessions on "Charkhpalak" technology in all types, at the beginning and end of the lesson, after the completion of a section, passed when assessing the level of mastery of topics, repetition, reinforcement, intermediate and can be used for conducting final inspections. The lessons are individual and it can be organized as a group. In addition, it includes oral and written work in studying topics with different content and character, including forms also misses.

Foydalanilgan adabiyotlar

1. "Umumiy o'rta ta'limning davlat ta'lim standartlarini tasdiqlash to'g'risida"gi qarori (1999 yil 16 avgust) //Xalq ta'limi j. 1999. № 5
2. Ochilov M. Yangi pedagogik texnologiyalar. – Qarshi. Nasaf. 2000.
3. Tolipov O'. Q., Usmanboyeva M. Pedagogik texnologiya: nazariya va amaliyot. - Toshkent: "Fan". 2005.
4. Sherqulov. M . Ma'ruza matni dan, Toshkent: 2012.