

## THE IMPORTANCE OF USING INTERACTIVE METHODS IN MATHEMATICS LESSONS

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**Rahmonqulova Nafisa Hasanovna**

*Teacher of KSPI*

### **Annotation**

This article briefly mentions the importance and effectiveness of conducting mathematics classes using interactive methods in elementary grades.

### **Key words**

innovation, interactive, pedagogical skill, efficiency, didactic task, memory, quality of education, knowledge, information media, method, method.

In order to successfully teach mathematics to elementary school students, a teacher who starts work must master the developed system of teaching mathematics, i.e., the methodology of teaching mathematics in elementary grades, and on this basis, independently create should start working. "Method" is a Greek word, and "method" means way. Mathematical methodology is a branch of pedagogic science that is part of the system of pedagogic sciences and studies the laws of mathematics at a certain stage of the development of mathematics in accordance with the educational goals set by society.

The use of interactive methods helps to increase the effectiveness of the lesson. The main criteria of interactive education: conducting informal discussions, the opportunity to freely describe and express the educational material, the number of lectures is small, but the number of seminars is large, the creation of opportunities for students to take initiative, a small group, consists of giving tasks for working as a large group, class team, doing written work and other methods, which are of special importance in increasing the effectiveness of educational work. The advantage of new pedagogical technology has passed the test of time and is proving to be an important factor in improving the quality and efficiency of interactive lessons.

If mathematics lessons are organized through interactive methods, the lesson can be both interesting and meaningful. Because we know that elementary school students are very playful. That is why it is advisable to organize classes in various ways. For example, the student has difficulty understanding the "Multiplication

table". If these topics are explained through interactive methods, it will be easier for the student to remember them. As we live in the current period of growth and renewal, we teachers organize lesson processes based on interactive methods. If we take a simple teaching method, this concept is one of the main concepts of didactics and methodology. In most modern works on didactics and methodology, teaching methods are methods of joint activities of teachers and students, with the help of this activity, new knowledge, skills and abilities are gained, students' worldviews are formed, their abilities are developed. Interactive methods are one of the means of increasing students' activity in class. These methods are not new to school pedagogy. They have been used before. When these methods can give effective results: - When the objectives of the lesson and the subject are correctly selected; - If you can choose methods suitable for the topic; - If a method does not cover the entire lesson, but covers small moments; - If the chosen method delivers new information to the students, the student can quickly understand what the subject is about. The ability of teachers to organize the process of lessons in the teaching of mathematics in non-traditional ways, to achieve the design of the educational process based on a perfect model, to use these projects rationally is necessary for the thorough theoretical knowledge by the students., deep assimilation, can be a guarantee of formation of practical skills and competencies.

Lessons conducted through interactive methods encourage the student to think positively, actively solve the received information, express his opinion freely, work in cooperation, and express his opinion in writing. In lessons conducted through interactive methods, it does not mean to abandon traditional methods, but to be able to solve the content in mutual activity. Interactivity is activity, that is, it takes place on the basis of interaction between the student and the teacher. Of course, the goal of using interactive methods is the goal of every work. The main goal of the interactive method is to create an environment for active, free thinking of students by creating the most favorable situation for the learning process. He not only demonstrates his intellectual potential and capabilities, but also improves and ensures the quality and efficiency of education. If mathematics lessons are organized through interactive methods, the lesson can be both interesting and meaningful. Because we know that elementary school students are very playful. That is why it is advisable to organize classes in various ways. For example, the student has difficulty understanding the "Multiplication table". If these topics are explained through interactive methods, it will be easier for the student to remember them.

The next criterion for choosing interactive methods is their compatibility with the nature of the educational content. The content of the method is also defined as part of the movement. Therefore, this criterion is undoubtedly taken into account. If the content of the topic is fully disclosed using one method, the other makes it possible to master it positively. Another criterion for the selection of interactive methods is their full compatibility with students' educational opportunities, that is, ensuring the unity of internal and external conditions for effective educational activities. The pedagogue's specialty in using interactive teaching methods

should be in line with their capabilities. It takes into account the level of armed with the theory and practice of the pedagogue's teaching methods, the laws of the teaching process, the theories of knowledge, the theory of educational content and other existing laws. The next criterion for the selection of interactive methods is their compatibility with the forms of organization of the educational process. General, group and individual forms of teaching require different methods. For example, if the debate method is a debate between two students, the participation of all students in the group is necessary in the "brainstorming". Compatibility of interactive methods with pedagogical technological principles is a generalizing criterion

One of the important requirements for the organization of modern education is to achieve high results in a short time without spending too much mental and physical effort. It is the responsibility of the teacher to deliver certain theoretical knowledge to students in a short period of time, to create skills and competencies in them in relation to certain activities, as well as to control the activities of students, to assess the level of knowledge, skills and competencies acquired by them. requires high pedagogical skills and a new approach to the educational process.

Conclusion. Pedagogical technologies cannot be used forcibly. On the contrary, it is desirable to creatively develop them along with appropriate use of advanced technologies based on or used by experienced pedagogues. Today, a lot of experience has been accumulated in the use of pedagogical technologies that increase the educational and creative activities of students and guarantee the effectiveness of the educational process, and the methods that form the basis of this experience are called interactive methods.

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