



METHODOLOGY FOR THE DEVELOPMENT OF CREATIVE ABILITIES OF STUDENTS IN ELEMENTARY SCHOOL MATHEMATICS LESSONS

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Annotation:

This article spoke about the role of primary education, the methodology for the development of creative abilities of students in elementary school mathematics lessons.

Keywords: modern, experience, advanced, creative, ability, creativity, continuity

On the basis of systematic reforms aimed at ensuring the quality of training in educational institutions in modern education, the development of modern knowledge, skills and abilities in the field of professional skills of future teachers, their mastery of modern educational and innovative technologies, advanced foreign experience is one of the urgent tasks. Due to the importance of modernizing the process of training pedagogical personnel in our country, improving the content of education and the quality of training on the basis of modern development trends in the field, advanced foreign experiences and innovative approaches, it has reached the level of Public Policy. Economic, political, legal conditions have been created for the continuous development of general secondary schools in the Republic. In particular, a number of regulatory documents adopted by our government have initiated a number of activities in the field of raising teaching to a qualitatively new level. In particular, special attention is paid to teaching in primary education, and the training of future primary school teachers as qualified personnel based on the requirements of the time is considered one of the most urgent problems of today. Taking into account this, the president of Uzbekistan SH.M.Mirziyoyev notes the following:

"It is necessary to improve the educational programs of the school on the basis of advanced foreign experience, revise educational downloads and disciplines, adapt them to international standards, improve the quality of textbooks and literature.....we must clearly define priorities in the field of Science for our country.



No state can progress all areas of Science in one way or another. Therefore, we are also in favor of developing several priorities in science every year. As you know, the process of primary education is a rather complex process. The organization of this process on the basis of the current demand for the period, that is, ensuring continuity in the system of continuing education, requires great responsibility, knowledge, skills from primary school teachers. Mathematics lessons in grades 1-4 general secondary education since the foundation and foundation for school mathematics is the requirement of the time to raise the teaching of mathematics in these classes to the level of the most modern requirements. Because elementary concepts necessary for later mathematics and other sciences are instilled in children in these classes.

Creativeness is a Latin word that means "creation" or "creation from nothing". Creativity is a practical action carried out by a person, which should reflect in itself a certain novelty, new ideas. The concept of creativity reflects in itself variety, curiosity, contemplation and unconventional. Creative thinking also leads to the development of a number of other personal skills. These include metacognitive skills, skills in dealing with people and better understanding of the individual himself, problem-solving skills. At the same time, personality maturation, success in education, future professional success and reputation among the public also depend on a person's creative thinking skills. Therefore, the high level of creative abilities of the current Modern Primary School teacher himself plays an important role in the educational process.

Creativity thinking skills and the nature of creativity of Primary School students are manifested in his communication in the educational process, thinking, feelings and certain types of activity. Creativity is also reflected as an important factor in giftedness. Comprehensive thinking requires students to rely on a large number of ideas when performing various tasks, issues and tasks given. That is, completing the task, when solving the issue, the reader will look for several options for the solution, and then dwell among them on the most optimal only one correct solution. The teacher's creative approach to the course process is also an important factor for students to master, apply the knowledge, skills and abilities given in the lesson. The creativity of the teacher guarantees two cases in the lesson:

- To attract and interest in the course process the attention of bored students from "uniformity" in the lesson and students of idle mastering



- Provides an opportunity for students to identify and develop, stimulate creative thinking and creative activity

The following methods can be used to identify and develop the creative thinking abilities of students in the lesson and during extracurricular activities:

--create necessary conditions that allow students to identify the topics of interest and conduct a conversation on this topic, to creatively approach them in expressing their thoughts (the conversation can be individual or group)

-- To create problem situations in the course of the lesson and to take into account each of the opinions expressed by the students

-- Study the creativity of students. In this case, the creative work of students: essay, written work, drawings on a free topic, etc. are important tools

--Using various interesting didactic games and non-traditional methods in the lesson and extracurricular activities to encourage students to think creatively, to cover all students in the classroom to the training.

Speed, efficiency and result play an important role in creative thinking and creative thinking. In the formation of creative thinking and creativity skills in students , first of all, it is necessary to create a comfortable environment in the classroom. Students receiving creative education gradually have an increased interest in performing creative assignments. Such classes lead to the development of critical and creative thinking skills, which are of great importance in students.

An example given to elementary school students, especially 1st grade students, in a textbook in mathematics lessons, in addition to issues, is that work on puzzles has a good effect on their increased ability to research and creative thinking, helps to further increase their interest in this subject. Such puzzles can be easily used in mathematics, mother tongue, reading and other lessons.

Students who can think creatively will have the following qualities:

-- Can tell ideas that have never occurred to anyone

--In some cases they ask unusual questions, such antique questions that have nothing to do with the topic calligraphy can also make the teacher think.

-- They enjoy interesting issues that have no solution, they go hard to find a solution.

-- They prefer to discuss ideas and opinions based on proof , evidence.

-- In problem situations, they choose unconventional inspiration in finding a solution



-- They acquire creative responsiveness and initiative, the ability to think quickly and clearly.

In conclusion, in elementary school mathematics lessons, only if the creative abilities of students are stimulated in the development of creative abilities of students, and an intimate atmosphere is created, are they able to turn creative thinking into a habit. There is a feeling of fear of making mistakes, being afraid of failures, focusing on excessive assessments, meeting criticism reading that creativity does not become a habit in people.

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