

## INTERACTIVE METHODS IN DEVELOPING STUDENTS' ABILITY TO THINK INDEPENDENTLY

**Temirova Mukhlisa Umirovna**

*Teacher of Samarkand region Pakhtachi  
district school number 22;*

**Annotation.** *Developing the ability to think is a product-high result of the thinking process as a way of perceiving existence and reality. It is related to activity and is formed in the course of independent work. The existence of things and events is related. Realization, proof, explanation, and the gradual stages of the formation of thinking that if the relationship is broken, there will be a change in existence. This article talks about the importance of interactive methods in developing students' ability to think independently.*

**Key words:** *interactive method, pedagogical skills, thinking, brainstorming, independent thinking, role-playing games*

Thinking is a life-giving force. That is, a person is alive through independent thinking. A person without thoughts becomes a dead body, unable to create and grow. According to Farabi, a person's body, brain, sensory organs are present at birth, but intellectual knowledge, spirituality, soul, intellectual and moral qualities, character, traditions, information is created in the external environment, in communication with others. A person's mind and thoughts are the most mature product of spiritual growth. The last decade of the 20th century was a period of fundamental changes in the social life and consciousness of the Uzbek people. In a short period of time, there have been serious qualitative changes in the nation's way of understanding, perceiving and explaining the world and reality. This shows that the Uzbek people have returned to their own identity, and that the nation's thinking has become healthy. Independent is a description of activity in terms of the amount of help given to the work being done or the lack of help. Students' independent activities can be of different levels of creativity. But any independent activity of students is definitely organized by the teacher; conditions are created, instructions are given. During research on the scientific-methodical foundations of teaching students to develop their thinking ability, individual and typical characteristics of students are embodied in their thinking activity. The interactive method is a modern pedagogical approach aimed at ensuring the active participation of students in the educational process. In this method, a two-way dialogue is formed between the teacher and the students, in which the students are not just listeners, but become active participants in the process of discussion, exchange of ideas and problem solving.

The main features of interactive methods:

1. Increasing activity: Students actively participate in the lesson process and acquire knowledge independently.
2. Collaboration: Students develop collaborative skills by working in small groups or teams.



## MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

3. Expressing one's opinion: Every student will have the opportunity to freely express their point of view.

4. Practical orientation: Interactive methods are based on practical problem solving.

5. Positive competition: Students will have the opportunity to test themselves and compete with each other during discussions and tasks.

The main types of interactive methods:

"Brainstorming": Generating and discussing ideas on a specific topic. Debates and debates: Analyze different points of view and justify one's point of view.

Role-plays: Perform practical exercises by putting students in certain roles in different situations.

Work with small groups: Divide students into groups and develop cooperation between them.

Case-study (analysis of problematic situations): Studying real-life situations and finding solutions to them.

Advantages of interactive methods: It encourages independent acquisition of knowledge. It develops critical and creative thinking skills, serves to make the learning process of students effective and interesting. The renewal in education does not only mean giving new knowledge to students, but also the system of attitudes towards society, the state, nature and work. also envisages a change. The development of the ability to think is a product-high result of the process of thinking as a way of perceiving existence and reality. It is related to activity and is formed in the course of independent work. The existence of things and events is related. Realization, proof, explanation, and thought formation are the gradual stages of understanding that if the relationship is broken, there will be a change in the existence as well. Thinking is a life-giving force. That is, a person is alive through independent thinking. Without thought, a person becomes a dead body, unable to create and grow. Focusing only on knowledge content in education leads to low educational efficiency. Only a student with developed thinking skills will absorb knowledge. Therefore, it is very important to teach students how to think. Students should gain self-confidence and understand the framework of their thoughts and ideas, actively participate in the learning process, listen carefully to different opinions, learn should form judgments. In order to teach students to think critically, priority should be given to questions that provide diverse thoughts, activity, risk-taking, framing of thoughts, the value of thoughts, mutual exchange of opinions, and critical thoughts during the educational training process. must

The importance of independent thinking in the development of a person and society. Independent thinking is the ability of a person to form his own point of view, analyze data and draw independent conclusions from them. This skill is an important factor for the development of not only the individual, but also the society. 1. Importance in personal development. Formation of critical thinking: An independent thinker will have a solid foundation in analyzing problems, searching for solutions, and making decisions.



## MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

Developing creativity: Independent thinking increases a person's creative potential and helps to create new ideas and innovative approaches. Strengthening self-confidence: Being able to defend and justify one's thoughts increases self-confidence in a person.

Forming a sense of responsibility: A person who makes decisions independently feels responsible for his actions, which increases his moral and social maturity.

2. Importance in the development of society. Strengthening democratic values: Independently thinking citizens contribute to the development of justice, openness and equality in society. Innovative development: The large number of independent thinking individuals in society leads to the rapid development of science and technology. Development of a critical approach: Social creates an opportunity to take into account different points of view and search for effective solutions when solving problems. Support for cultural and social diversity: Independent thinking ensures the existence and respect of different views and opinions, which promotes peace and stability in society. Independent thinking serves as a foundation for realizing one's own potential, and for scientific, economic and social development of society. Raising an independent thinking generation is one of the most important tasks contributing to the sustainable development of every society. It is necessary to explain by connecting subjects in teaching. From this point of view, one of the necessary factors is to develop teaching methods of various subjects and to arm teachers with them, to have complete knowledge about other subjects. Each lesson and subject has its own technology. As long as the goal of the teacher and the student is to achieve a positive result, it is up to them what technology to use in the lesson. Depending on the teacher's skills, computer work, film, handouts, posters, information technology, various literature, well-designed interactive methods can be used. It is also good to ask questions to learners when explaining the given topic materials. In this, the teacher learns how the students mastered the material. Alternatively, learners will listen attentively, knowing that the teacher will ask questions at any time. Accustoming students to ask questions to the teacher helps the successful learning of the learning material. It also improves students' thinking ability. It is also up to the pedagogue to activate the students and arouse their interest in the lesson. The rational use of interactive methods gives the educational process a sense of enthusiasm and inquisitiveness, students have confidence in their abilities and their own work. creates a feeling of satisfaction with the result, increases their interest in learning. It is natural that these are considered important factors in the development of students' personalities in the educational process. It is up to the teacher and the student to choose the technology that will help them achieve the desired result, because the main goal of both sides is clear, which is aimed at achieving the result. In this case, the technology used is selected depending on the level of knowledge of the students, the character of the group, and the conditions. To achieve the result, it is necessary to work with a computer or film, handouts, drawings and posters. Development of independent thinking skills of students is one of the main goals of today's education system. Interactive methods serve as an important tool in achieving this goal. Interactive methods such as debates,



## MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

"brainstorming", group work, role-playing games and case studies increase students' activity and form critical, creative and analytical thinking skills.

In short, Interactive methods also develop students' ability to freely express their opinion, analyze different points of view, and make decisions. This process transforms students from mere learners to active participants and problem solvers.

Therefore, the wide use of interactive methods in the educational process increases the innovative approach of teachers and the enthusiasm of students for learning. As a result, a generation with independent thinking, creative and critical views is formed, which creates the basis for the sustainable development of society.

### REFERENCES:

1. Axadova, K. (2023). Bo'lajak muhandislarni kasbiy faoliyatga tayyorlashda qo'llaniladigan zamonaviy metodlar. O'zbekiston milliy universiteti.

2. Axadova, Komila. "Texnik oliy ta'limda matematikaning mutaxassislik fanlari bilan integratsiyasini ta'minlash vositalari." Science and innovation (2022). 1. O'zbekiston respublikasining "Ta'lim to'g'risida"gi Qonuni, Barkamol avlod O'zbekiston taraqqiyotining poydevori. – T.: "Sharq", 1997-y.

2. O'zbekiston Respublikasining "Kadrlar tayyorlash Milliy dasturi", Barkamol avlod – O'zbekiston taraqqiyotining poydevori. – T.: "Sharq", 1997-y.

3. Sh. Baratov O'quvchi shaxsini o'rganish usullari. – Toshkent: O'qituvchi, 1992-y

4. У.Т.Усаров, М.Н.Бобокулова – Замонавий педагогик технологиялари укув жараёнига куллаш Самарканд-2008

5. Ишматов К, Педагогик майорат асослари. Наманган, НамМПИ. 2005