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CREATIVE APPROACH TO THE PROCESS OF HIGHER EDUCATION AND  
TECHNOLOGIES USING PEDAGOGICAL METHODS

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ABOUT ARTICLE

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**Abstract:** In this article, it is possible to see the creative approach to the higher education process and the use of pedagogical methods in the use of technologies that are understandable and useful to learners, and the pedagogical methods of teaching are widely used in the educational process and are effective for the field of education. is considered

INTRODUCTION

Currently, modern teaching methods are widely used in the educational process. The use of modern teaching methods leads to high efficiency in the teaching process. It is appropriate to choose these methods based on the didactic task of each lesson. While preserving the traditional form of the lesson, enriching it with various methods that activate the activity of the students will lead to an increase in the level of mastery of the students<sup>1</sup>.

One of the widely developing directions in the current field of education is the use of modern pedagogical technologies. It is known that the process of education consists of the older generation teaching their knowledge and experience to the younger generation, and in this process, information necessary for human life is transmitted from generation to generation. There are different definitions of pedagogical technology, and each definition represents an approach from a certain point of view.

<sup>1</sup> ЎЗБЕКИСТОНДА ЭЛЕКТРОН ТИЖОРТНИ РИВОЖЛАНТИРИШДАГИ МУАММОЛАР ВА УЛАРНИНГ ЕЧИМЛАРИ Зулфия Худайберган кизи Носирова.

Let's look at some basic definitions and their comments. Pedagogical technology is the activity of forming a well-rounded person. Pedagogical technology is a project of the process of forming a student's personality that can guarantee pedagogical success regardless of the teacher's skills. Pedagogical technology is a detail of the process of achieving the planned results of education. Pedagogical technology-educational model of joint pedagogical activity, in which all the details of the design, organization and implementation of providing unconditionally comfortable conditions for students and teachers have been thought out. A systematic method of creation, application and determination of all processes of teaching and knowledge acquisition, with the task of optimizing educational forms, taking into account pedagogical technology-technical resources, people and their interaction<sup>2</sup>.

Today, in a number of developed countries, the methods that form the basis of great experience in the use of modern pedagogical technologies that guarantee the effectiveness of the educational process are called interactive methods. Interactive educational methods are currently the most common and widely used methods in all types of educational institutions. At the same time, there are many types of interactive educational methods, and there are currently suitable ones for the implementation of almost all tasks of the educational process. In practice, it is possible to select the ones that are suitable for specific purposes and use them accordingly. This situation has created the problem of choosing the right interactive educational methods to achieve certain goals.

For this purpose, the lesson process should be organized rationally, the teacher should increase the interest of the learners and constantly encourage their activity in the educational process, divide the educational material into small pieces, and open their contents intellectually. It is required to use methods such as attack, small group work, debate, problem situation, guided text, project, role play and encourage learners to do practical exercises independently. The interactive method is to solve an activity or problem in a mutual dialogue, in the course of thinking in a mutual debate, with unity. The advantage of this method is that the entire activity teaches the student to think independently and prepares him for an independent life.

Interactive methods mean methods that activate learners and encourage them to think independently, with the learner at the center of the educational process. When these methods are used, the teacher invites the learner to actively participate. The learner is involved throughout the process. When choosing interactive methods of teaching, the purpose of education, the number and capabilities of

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<sup>2</sup> Зулфия Худайберган кизи Носирова. ЕЧИМЛАРИ, Р. М. В. У. ЎЗБЕКИСТОНДА ЭЛЕКТРОН ТИЖОРТНИ РИВОЖЛАНТИРИШДАГИ МУАММОЛАР ВА УЛАРНИНГ ЕЧИМЛАРИ

students, the educational and material conditions of the educational institution, the duration of education, the pedagogical skills of the teacher, etc. are taken into account.

The benefits of a learner-centered approach include<sup>3</sup>:

- study-learning with higher educational efficiency;
- high motivation of the learner;
- consideration of previously acquired knowledge;
- aligning the educational process with the goals and needs of the learner;
- support of the learner's initiative and responsibility;
- learning by doing;
- creation of conditions for two-way feedback.

Thus, the use of interactive methods in the process of teaching subjects has its own characteristics. Careful study and practical application of each interactive method used in educational practice expands the thinking of students and has a positive effect on finding the right solution to the problem. It increases the creativity and activity of students. When various theoretical and practical problems are analyzed through interactive methods, the expansion and deepening of students' knowledge, skills, and abilities is achieved.

It is clear from the above that it is necessary to properly analyze the interactive educational methods and classify them on this basis. Below we present general comments on this issue.

When classifying these methods, they can be divided into interactive methods, interactive educational strategies, and interactive graphic organizers.

Currently, the most popular interactive educational methods are<sup>4</sup>:

- Interactive methods: "Case-study" (or "Educational cases"), "Blist-survey", "Modeling", "Creative work", "Problematic education", etc.
- Interactive learning strategies. "Brainstorm", "Boomerang", "Gallery", "Zig-zag", "Zinama-zina", "Muzyorar", "Rotastia", "Snow rounded" and others. When distinguishing interactive educational strategies from the composition of interactive educational methods, the approach to organizing group

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<sup>3</sup> Зулфия Худайберган кизи Носирова., Р. М. В. У. ЎЗБЕКИСТОНДА ЭЛЕКТРОН ТИЖОРОТНИ РИВОЖЛАНТИРИШДАГИ МУАММОЛАР ВА УЛАРНИНГ ЕЧИМЛАРИ

<sup>4</sup> Nosirova Zulfiya Xudaybergan qizi, Asliddinov Behzod Furqat o'g'li, (2022). XODIMLARNI BOSHQARISHDA IJODIY FIKRLASHNI RIVOJLANTIRISH USULLARI. *BOSHQARUV VA ETIKA QOIDALARI ONLAYN ILMIY JURNALI*, 2(12), 6-11.

work is based on the fact that, in a certain sense, it is compared to strategic planning. In fact, these strategies are more related to interactive educational methods, and there are no other differences between them.

- Interactive graphic organizers: "Fish skeleton", "BBB", "Conceptual table", "Venn diagram", "T-table", "Insert", "Cluster", "Why?", "How?" and b. The separation of interactive graphic organizers is based on the fact that the main ideas in such classes are expressed in written form in various graphic forms. In fact, working with these graphic organizers is more related to interactive educational methods, and there are no other differences between them.

Interactive educational methods are often used simultaneously with various forms of training technologies. The use of these methods increases the activity of training participants and improves the effectiveness of education.

The main and main task of modern education should be focused on acquiring, creating, inspiring new knowledge by improving the intellectual level, creativity, creativity, and inquisitiveness of students.

Creative pedagogy is understood as learning to create methods of creativity and creativity.

The age of scientific progress forced people to develop rapidly. It was very necessary for highly developed specialists of creative thinking. We work with active individuals who can make special decisions. Non-standard views that require a creative approach are appreciated. Scientists have found that with special systematic exercises, they can activate creative thinking and develop it successfully. Creativity is not only a professional quality, but also an important personal quality. He claims that such people will always be successful. Of course, there are people who have this talent since childhood. Usually, such people are distinguished by openness, initiative. At least such people are well-known and creative people.

Creative thinking is creating unusual and better solutions to original problems. Creative thinking helps you to respond to tasks faster, get out of difficult situations skillfully, live outside patterns and create great ideas<sup>5</sup>.

Creativity is derived from the English word "create" and means to create.

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<sup>5</sup> ЕЧИМЛАРИ, Р. М. В. У. ЎЗБЕКИСТОНДА ЭЛЕКТРОН ТИЖОРОТНИ РИВОЖЛАНТИРИШДАГИ МУАММОЛАР ВА УЛАРНИНГ ЕЧИМЛАРИ  
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Creativity means a person's creative ability to create new things and solve problems. In creative thinking, new and unusual solutions to problems or situations are created. When you think creatively, you create a list of new ideas. Critical thinking involves analyzing evidence about problems or situations in order to draw conclusions. When you think critically, you make decisions.

A creative person is a person who shows creativity as a process or result, is inclined to approach solving problems in non-standard ways, is capable and ready to organize unique actions, promote innovations, and create creative products.

In order for a Methodist to have the potential of creativity, it is necessary to pay attention to the following in his professional activities:

- speed and flexibility of thinking;
- the ability to create new ideas;
- not thinking in one way;
- originality;
- initiative;
- tolerance of uncertainty;
- to be intelligent.

Conditions for the development of creative thinking:

- critical thinking;
- ability to analyze quality;
- the ability to form causal relationships, understand the possible development of events;
- the ability to create a logical chain, to present new unusual ideas;
- not to be limited by traditional schemes, decisions, actions;
- quick resolution of problematic situations;
- choose an adequate solution;
- a calm approach to the problem.

21st century skills in developing creative thinking:

Literacy

Reading literacy

- Digital literacy
- Scientific literacy
- Media (ICT) literacy
- Financial literacy
- Civic and cultural literacy

### Competencies

#### Critical Thinking/Problem Solving

- Creative thinking
- Communicativeness
- Ability to work collaboratively

Creative people have the ability to come up with new ways to accomplish tasks, solve problems, and overcome challenges. They bring a new, sometimes unusual, perspective to their work. This way of thinking helps departments and organizations move in a more efficient direction. Some job descriptions require creative thinking for positions. In this case, you should come to your interview prepared with concrete examples of how you can demonstrate your creativity. Positive thinking can help you live an interesting and productive life every day. Being able to think positively and stay positive even in difficult times and crisis. This mindset does not mean looking at the world through rose-tinted glasses or self-delusion, it means having the strength of an iron bull and not giving up. Creative thinking in education helps to create unusual and good solutions to problems, as well as to respond to tasks faster, skillfully get out of difficult situations, live outside of patterns and create great ideas. Creative thinking in education is unusual for problems. and in addition to creating good solutions, it helps to respond to tasks faster, skillfully get out of difficult situations, live outside patterns and create great ideas.

Developing a positive mindset is essential for a successful life. To do this, you should learn the tips "how to start positive thinking" and remember that performing special exercises designed for this are ways to find solutions to problems.

The process of professional education in higher educational institutions is carried out within the framework of a multifaceted integrated system organized in accordance with modern forms and methods of education. In this case, each form fulfills the tasks set for itself, but the set of forms and methods forms a single didactic complex. The implementation of this didactic complex is determined by the psychological and pedagogical laws of the educational process.

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