

PEDAGOGICAL AND INNOVATIVE TECHNOLOGIES AS A FACTOR OF EFFICIENCY IN PRIMARY EDUCATION

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Annotation: This article argues that the effective use of innovative and pedagogical technologies in the education system has a positive impact on the quality of education. The lessons of primary education describe the ways of practical use of innovative and pedagogical technologies.

Key words: non-traditional way, educational process, innovative approach, innovation, educational reform, pedagogical technology.

Introduction

Today's young people are demanding, curious, and want to learn more through television, the press, and computers. To do this, the teacher must carefully prepare for the lesson and teach each lesson in a non-traditional way. The teacher needs to be so skilled that the student should join the class on their own and become an active participant. In order to do this, the teacher should use different methods in each lesson, and more students should be actively involved in the lesson.

The idea of standardizing the pedagogical process on the basis of thinking was put forward by the great Slavic pedagogue who lived in the XVI century J.O. Comenius. In his famous work, *The Great Didactics*, he sought to standardize the educational process, in which "every method and thing had to be arranged in such a way that the whole pedagogical process should go smoothly like a well-tuned clock." The pedagogues of the twentieth century achieved the goal that Comenius did not achieve and created pedagogical technologies. In the 21st century, this social reality is called innovative pedagogical technologies and serves as a program for educators around the world.

Pedagogical technology is an innovative approach to the educational process. It is an expression of socio-engineering thoughts in pedagogy, a concept related to the creation of an optimal project, bringing the process of teaching and upbringing to a certain standard. In particular, the renunciation of preaching, oral methods of teaching, teaching with the help of computers, technical means of education, the manager, organizer, advisor of the student's cognitive activity, the guide to the final result and under the guidance of the teacher to organize more independent work of students and most importantly the teacher has the opportunity to achieve almost the same final result. This is especially important in the current period of training, which has introduced a single state educational standards, which can meet the requirements of the standards of all countries of the world. When the learning process is organized on the basis of pedagogical technologies, educational goals are set or projected, the

expected final result - a positive quality change is guaranteed, a repetitive cycle of the learning process is created, and learning objectives and necessary adjustments for learning can be made during the process.

“Innovation” is derived from universal languages (such as “index”, “instance”, “inflation”, “collection”) and consists of a combination of new words - 2 Greek “inos” – relevant, and Russian “НОВЫЙ” – new. The term "innovation" refers to something new that is being introduced. This concept is also called "innovation" in English and is used to mean innovation. The term “innovative technologies” can be understood as new, innovative, newly introduced methods that lead to positive qualitative and quantitative changes in production.

The introduction of innovative pedagogical technologies in the educational process is also mentioned in the Law "On Education" and the "National Training Program" and it is one of the important tasks to be performed in the second and third stages.

Today, the need to study the scientific and theoretical basis of new innovative pedagogical technologies and their application in the educational process is becoming one of the most pressing issues. The traditional system of teaching, that is, teaching using words, is no longer efficient.

Instead, the efficiency of "information-practical training" system in the educational process is being provided on a scientific basis by our government. In order to achieve these requirements, it is necessary to thoroughly study the theoretical and practical bases of scientific, technical and technological development, to constantly test it in practice, to be able to distinguish it from the ever-increasing flow of information. Our main goal is the need for qualified personnel who will be able to apply it to the educational process in a purposeful manner, masterfully overcome the intensity of time.

Pedagogical technology is an innovative approach to the educational process. It is an expression of socio-engineering thinking in pedagogy, a certain standardization of the process of teaching and upbringing.

Pedagogical technology allows to organize the interrelated parts of the teaching process, to build the stages, to introduce them, to determine the conditions, to achieve the set goal, taking into account the available opportunities.

The structure of pedagogical technologies consists of the following:

1. Conceptual (theoretical foundations)
2. The content of the educational process.
3. Technological processes

Primary education is the foundation for students to grow into well-rounded individuals. Therefore, from the first years of independence in our country, special attention was paid to this area in educational reform. Taking into account of the place and role of the younger generation in the life of the primary school, the teaching staff is being replenished with highly educated, professional staff. On this basis, the order of the Ministry of Public Education "On

increasing the effectiveness of primary education in secondary schools" was adopted. In connection with the announcement of 2014 as the "Year of the Healthy Child", the first President of the Republic of Uzbekistan stressed the need to pay special attention to issues such as the widespread introduction of information and communication technologies in the development of the state program to improve the quality of primary education, improve educational standards, curricula and manuals, advanced pedagogical technologies. That puts a lot of responsibility on this sphere workers. An elementary school teacher should have high human qualities. There are many such experienced teachers. The teacher takes a fresh approach to each lesson, using modern interactive methods and exercises that develop students' free thinking skills.

Lessons with the use of modern technologies in the education system are aimed at students to search for the acquired knowledge, to study and analyze it independently, to evaluate their own knowledge, to draw the right conclusions.

The correct introduction of pedagogical technologies in the educational process leads the teacher to act as the main organizer or consultant in this process. This requires qualities such as more independent work, creativity and willpower from the student.

Innovative pedagogical technologies mean the introduction of innovations and changes in the education system, the pedagogical process and the activities of teachers and students, and interactive methods are mainly used in the implementation of this process.

The purpose of modern technologies is to teach young teachers modern pedagogical technologies, to further strengthen their knowledge of pedagogy and psychology, to teach them to apply their knowledge in the educational process, to reveal them the secrets of pedagogical skills.

For this purpose, the tasks of pedagogical technologies are:

- formation of pedagogical skills and abilities that ensure the effectiveness of the teaching process;
- Development of new professional thinking aimed at identifying socio-economic, political, humanitarian knowledge;
- mastering the system of pedagogical knowledge as a methodological basis of teaching;
- expanding the opportunities of students according to the quality of education and age characteristics;
- to form the development of the student's consciousness and thinking as a harmoniously developed person in the educational process, as well as the consistent direction of his actions towards certain goals.

Different methods of pedagogical technology can be used in the teaching process. For example, "Brainstorming", "Cluster", "Insert", "Boomerang", "BBB", "Fishing", "Who am I?", "You to me, I to you". The "you to me, I to you" method encourages the student to be smart, alert, intelligent and knowledgeable. Groups consisting of four students each are formed for

this method. The student in the first group asks a question to the student in the second group about the topic of the lesson. Once the answer is given, the second group of students is asked to give the question. Correct answers are marked on the board.

Just like the above, “Keys Study”, “Brainstorming”, “Brainwriting”, “Debate”, “Imen”, “Zigzag”, “5x5x5”, “Heuristic”, “Catechism”, “Hermeneutic”, “Socrates conversations”; rebus, crossword, suduko, chainword, fillword, kakuko, mystery pyramid, wall or dual game type, sangoku, chaincrossword game methods can be conducted at a high level.

All of these games are used to bring up a harmoniously developed generation as a perfect person for the future.

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