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The Role of Innovative Technologies in the Development of Methodical Training of Teachers in General Secondary Educational Institutions

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A B S T R A C T
The article is aimed at studying the innovative activity of teachers as an urgent problem from the point of view of science. This article deals with the innovation activity, patterns and objectives of innovation activity, ways of using innovative technologies by school teachers.

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Intruduction

Innovations in the field of education include changes to education, improvement and improvement of existing ones. That is why there are always some changes in the educational process. The current period can be called a period of great and rapid changes in the field of education, as well as in all spheres of society. The rapid changes in our daily social life set the goals of developing new aims, content, methods and technologies for representatives of the education sector and their direct application to the educational process, today's teacher is demanded to be not only a teacher, not just a teacher, but also a creative researcher who can apply new pedagogical interactive methods, new methods and tools, and principles of information and communication technologies to the educational process.

Main part

The President of the Republic of Uzbekistan Shavkat Mirziyoyev also said that it is possible to create all the conditions for the education of our young people, to build educational buildings and equip them with modern equipment. But training of teachers and masters who educate our children on the basis of high standards and innovative thinking is the most difficult task and requires a lot of work and responsibility. In this sense, he emphasized that "Today's teacher should be a universal specialist, both a teacher and a learner, that is, he should work tirelessly on himself and live in constant search[1]."

Indeed, the role of teachers in the development of our society, the education of our youth, and the spread of light to all mankind is enormous. Their contribution is incomparable in shaping a person as a human being, instilling in him knowledge and humanity, high moral qualities, living with good dreams and feelings of national pride. Khazrat Alisher Navai had written in his literary work Makhbub-ul-Kulub as following: "His work is beyond the reach of man, not even a man, but even a giant[2]. " He glorified the

[1] Mirziyoyev Sh.M Buyuk kelajagimizni mard va olijanob xalqimiz bilan birga quramiz. T.2017-488 b
[2] Alisher Navoiy Mahbub-ul qulub Yoshlar nashriyot uyi. 2018-173 b

profession of a teacher saying that a strong person was unable to take care of an only young child, and the teacher teaches and science and manners to a bunch of children by himself. In the higher education concept of the Republic of Uzbekistan, the tasks facing the teacher-specialist are defined as follows. "Specialist qualification consists of factors such as deep knowledge, broad outlook and professional training, computer literacy, ability to rapidly update and supplement one's knowledge."

Nowadays, the school needs to reach the stage of innovative development, which ensures quality education in terms of the content and quality indicators of the educational program at all stages of education. The personality of the teacher, his human qualities, and the acquisition of professional skills in the formation of teacher-student relations in the educational process with the student are of great importance. The teacher is considered an active and creative person in the implementation of pedagogical activities, participates in the daily life of students as an organizer, arouses their interest, leads them to news and new knowledge, and this requires initiative and creativity from the teacher.

Pedagogical leadership in the classroom requires the teacher to have a creative approach to every issue, to be ready to answer all questions at once, to be diligent, and to have the qualities of accepting independent leadership solutions in different situations. The skill of a science teacher depends on his ability to explain topics broadly and clearly, to strengthen students' knowledge with the help of exercises, examples, and problems.

In this case, it is advisable for the pedagogue not to limit himself with the tasks given in the textbooks, but to make effective use of logical examples and reproductive exercises. One of the modern teaching methods is the FSF (Find, Select, Fill) method, which is effective in working on errors and activates the skills of solving equations in elementary school pupils.

Find Select Fill

?+70=70 0 0+70=70

40 +? =100 60 40+60=100

When the great thinker Abu Raykhan Beruny said, "Constantly looking at the same thing leads to boredom and impatience. When education is organized in different ways, the pupil seems to have entered a garden where different flowers have bloomed, he is interested in them and wants to see them[3]", he was totally right.

Professional training plays an important role in the formation of creativity in a teacher, and it is formed in the process of developing a problem related to the process of education from a scientific or methodological point of view.

According to the teacher, A. Disterweg, "He can only teach so far, and he himself works on his upbringing and education. If he does not study, does not follow the achievements of science in his field and does not put them into practice, it is not enough to say that he is behind: he retreats, makes it difficult to solve problems.

Addressing young people, one of the prominent scientists of our time, Academician D.S. Likhachev wrote: "You must always learn." Until the end of his life, he not only taught, but studied all great scientists. If you stop learning, you can't teach. Because knowledge is growing and becoming more complex.

Life itself defined the problem of continuous pedagogical education as the most urgent problem. But in actual practice according to V.A. Slastenin, "With so many time-consuming tasks of a teacher, if he does not go beyond the immediate work that is done every day," a problematic situation can arise. The innovative activity of the teacher should be aimed at revising the existing forms and methods of education, creating and forming the purpose of education and new modern means of its implementation. This, in turn, is reflected in the application of modern innovative pedagogical technologies to the teaching process, using the technical means of teaching, ensuring the active participation of students in the lesson.

[3] Abu Rayxon Beruniy Tanlangan asarlar 1-2 jild 2018

Another interactive method is the "Logical Confusion" method. For example, if there is a topic of grammatical category of case in the native language, using this method will give effective results.

The use of pedagogical technologies in the innovative activity of the teacher, appropriate use in the educational process is based on certain laws:

1. Modernity. It is mandatory to introduce scientifically based and experimentally verified didactic innovations, active methods and forms into the educational practice. This is characterized by the scientific and technical innovations that are included in the content of the educational development.

2. Scientific. The teacher should be aware of the news in science, the imparted knowledge should be of a scientific nature, and should reflect the latest achievements and discoveries of science and technology. Science is related to the content and methods of education.

3. Guaranteeing the educational and upbringing process. It is to achieve the goal of the teacher and the student with little effort.

4. Planned activities of the teacher and the pupil. It represents the desire to eliminate redundant efforts in the educational process, to ensure coherence and to achieve guaranteed effective results.

5. Availability of a modern material and technical base in the educational and upbringing process. Creating and designing a new base for effective activity of teachers and students.

6. Monitoring and evaluation of educational results. In monitoring and evaluating the acquired knowledge, the teacher accepts the pupil's answer, practical action based on comparison with the measurements reflecting the quality criteria determined using certain methods in accordance with the specified educational goal.

At the same time, based on the study of some experiences in the practical application of interactive methods, we can see the factors affecting the improvement of the quality and efficiency of these trainings.

Organizational-pedagogical factors:

1. Organization of teaching interactive methods for teachers;
2. Creating the necessary conditions for interactive training in the classroom;
3. Prevention of violations of sanitary hygiene standards;
4. Ensuring compliance with safety regulations;
5. Maintaining attendance and discipline;
6. Organization of control.

Scientific-methodological factors:

1. The correct selection of appropriate interactive methods to ensure the fulfillment of the requirements of the SES (state Educational Standards) and the full achievement of the intended purpose of the lesson;
2. Quality preparation of lesson development;
3. Ensure that each method used is related to the topic being studied;
4. Selection of interactive methods at the appropriate level in advance of the student's level of preparation;
5. Be able to allocate enough time for interactive training and achieve the expected result.

Innovative processes in education require a lot of work from the teacher. In this case, the teacher strives for innovations, focuses all his efforts on improving education and its further improvement, and this will certainly bear fruit. Despite the fact that the innovative educational system is an effective method of teaching, in some cases teachers-masters, who are a progressive part of a person, build the basis of teaching pupils around the old traditional teaching methodology. The reason for this is that some teachers do not understand innovative technologies and interactive methods in education, they cannot imagine how

to implement them, and they understand that such a teaching method requires a lot of work.

Conclusion

In conclusion, that should be mentioned, that in the training of teachers for primary, secondary schools and vocational colleges in higher educational institutions, the main focus is on the education of future teachers-masters. It would be appropriate to use innovative pedagogical technologies in the process, to familiarize with the basics of raising it to the level of a creative process.

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