



PEDAGOGICAL TECHNOLOGIES OF IMPLEMENTING THE INNOVATIVE KNOWLEDGE ACQUIRED IN PROFESSIONAL DEVELOPMENT AND PROFESSIONAL ADVANCEMENT COURSES OF TEACHERS IN PRACTICE

Sattorova Dilshoda Djavlievna

Termiz State Pedagogical Institute

Senior teacher of the Department of Pedagogy

Article history:	Abstract:
<p>Received: 21st August 2023 Accepted: 21st September 2023 Published: 25th October 2023</p>	<p>In this article, the formation of the qualities of primary school teachers, such as the desire for pedagogical creativity, knowledge and research, the use of interactive methods, and their innovative activity, is a direct product of the educational process, in which the educational process in general secondary educational institutions is of great importance, which currently meets the world's requirements. creation, organization and wide use of innovative supplies that enable the training of competitive young people, organization of the educational process in general education schools by the pedagogical staff on the basis of innovative technologies and interactive methods is explained.</p>

Keywords: Creativity, knowledge, interactive method, independent thinking, creativity, learning activity, form, method, tool and technology

It is known that a person's thinking and spiritual views are not formed by themselves[6]. In particular, the formation of primary school teachers' qualities such as pedagogical creativity, knowledge and research, the use of interactive methods and their innovative activity is a direct product of the educational process, in which the educational process in general secondary educational institutions is of great importance[23].

The educational process is focused on improving the professional personality with its content. Scientific approaches to it interpret the educational process as a set of purposeful interactions between teachers and students, aimed at defining educational issues and its development[18].

In reforming the education system of our republic, special attention is being paid to the development of the professional skills of trainees of advanced training courses based on educational programs based on foreign experiences and in accordance with international standards[11]. At the same time, it is important to increase the creative activity of students and develop effective forms of independent education in the process of training[22].

As our first president noted, "Uzbekistan has all the necessary conditions for transition to the modern model of innovative development[5]. This model is based on the wide and effective use of the created scientific and technical potential, the implementation of the achievements of fundamental and applied

science, the implementation of technologies that require deep knowledge, and the increase of the number of highly qualified and talented scientific personnel[10]. It serves as a necessary condition and solid foundation for our country to enter the ranks of the economically and industrially developed countries in the world[17]."

Therefore, in order to form the needs and abilities of the youth of our country to acquire knowledge and, on this basis, to form the skills and qualifications of independent learning in them, it has become a demand of the time to operate based on the requirements of the modern education system in the process of training teachers[16]. Currently, the only way to do this is to get teachers to understand the theoretical foundations of their profession, as well as to familiarize them with innovative technologies and interactive methods in the course of their pedagogical activities, and to form the skills to effectively use them in the organization of the educational process[21].

Therefore, it is important that both the teacher and the student become subjects of the educational process today[9]. To achieve this, it is one of the main tasks of the education system today that the modern teacher should have sufficient knowledge and skills about innovative technologies and interactive methods, which are considered important in the organization of the educational process[15].



Nowadays, the creation, organization and widespread use of innovative supplies that enable the preparation of competitive young people who meet the world's requirements have become the most urgent issue[8]. Organization of the educational process in secondary schools by pedagogical personnel trained on this basis based on innovative technologies and interactive methods:

- during training, sufficient conditions were created for students to think independently, to strive for creativity and research;

- ensures students to consciously acquire the new knowledge they are learning and ultimately leads to the formation of permanent motivation in them in relation to the studied subject;

- stimulates students' aspirations to consciously choose a profession

- expands opportunities for individual education in a differentiated manner[2].

Therefore, the urgent task of reforming the education system today is to revive the educational and cognitive activities of students, to improve the personality of the pedagogue physically, spiritually and mentally by improving modern forms and methods of teaching that serve to apply new pedagogical technologies to the educational process[20].

In the course of our scientific research work, the development of innovative knowledge in the professional development of teachers and the selection of the content of these concepts and skills in the process of studying pedagogic-psychological sciences, we were based on the following principles[3]:

- to increase the effectiveness of education, to ensure that the person is at the center of education, to know modern innovative technologies and methods,

- ability to satisfy the needs, demands, and interests of elementary school teachers;

- compliance of educational content with the level of age characteristics and personal experience;

- to follow the principle of humanitarianism and cooperation[14].

We have defined a system of interactive methods that serve to increase the cognitive activity of primary school teachers during the course of scientific research[4]. The system of such methods includes conversation, work in small groups, small lecture, role-playing, business games, debate, "Zinama-zina", "Sinquain", "Brainstorming", "Boomerang", round discussion, solving problem situations, etc. Possible[13].

The use of various active methods of an innovative nature by the teacher in the educational process serves to develop students and increase their abilities[24]. In particular: - problem research; -

conducting small researches; - debate; - heuristic conversation; - work in small groups, etc[7]. In conclusion, it is necessary to say that in the organization of classes, pedagogues should pay special attention to ensure that educational information can interest students, encourage them to think, and be creative, based on their knowledge, skills, qualifications, and experiences[1]. By pedagogues in the educational process:

- effective, purposeful use of various forms, methods, tools and technologies;

- to enable students to independently choose methods when completing educational tasks;

- to ensure that the student works in pairs, small groups and teams;

- paying attention to the design of training not only improves the quality of teaching, increases its efficiency, most importantly, pedagogues need to pay attention to the fact that training sessions have not only informational, but also developmental character[12]. Also, allowing students to express their independent opinion (even if it is wrong, they know their opinion) about the discussed issue, problem, and topic, encouraging them to think and think is one of the important characteristics of personalized education[18].

LIST OF USED LITERATURE.

1. Norboeva S.M. Some issues of development of students' spiritual and moral competence // *European Journal of Research and Reflection in Educational Sciences*. – Great Britain, 2019. – Vol.7. – No.12. – P.48-51, (13.00.00; №3, 2019).
2. Norboeva S.M. Some issues of formation of moral and moral competence of students on basis of an axiological approach // *European Journal of Research and Reflection in Educational Sciences*. – Great Britain, 2020. – Vol.8. – No.10. – P.18-21. (13.00.00; №3, 2020).
3. Norboeva S.M. Pedagogical and Psychological Features of the Development of Spiritual Competence in Students. // *Annals of R.S.C.B.* – Vol.25. – Issue 5. – 2021. – P.1002-1008. (Scopus (3)).
4. Norboeva S.M. Pedagogical conditions of the development of students' spiritual and moral competence // *Scientific ideas of young scientists. International scientific and practical conference*. – Poland, 2020. – P.94-95.
5. Норбоева С.М. Факторы и задачи развития духовной компетентности студентов // "Человекознание". Материалы LVIII



- Международная научная конференции. – Кемерово, 2020. – С.4-5.
6. Норбоева С.М. Роль аудиторных и вне аудиторных занятий в развитии нравственной компетентностей у студентов высших учебных заведений // Международной научно-практической конференции "Профессионализм педагога: компетентностный подход в образовании". Материалы международной научно-практической конференции. I том. – Шымкент, 2019. – С.220-223.
 7. Sattorova, D. (2023). USE OF COMPUTER PROGRAMS IN PHYSICS LESSONS. Академические исследования в современной науке, 2(6), 64-69.
 8. Dilshoda Sattorova Djavliyevna. (2022). USE OF IDEAS AND VIEWS OF OUR PAST SYMPTOMS IN THE APPLICATION OF NEW PEDAGOGICAL TECHNOLOGIES IN THE EDUCATIONAL PROCESS. Web of Scientist: International Scientific Research Journal, 3(3), 91-95.
<https://doi.org/10.17605/OSF.IO/QAG8B>
 9. Sattorova Dilshoda Djavliyevna. (2022). PRACTICAL USE OF INNOVATIVE KNOWLEDGE DEVELOPED IN TRAINING COURSES. European Scholar Journal, 3(6), 129-132. Retrieved from <https://scholarzest.com/index.php/esj/article/view/2407>
 10. Bekkulov A.M. Sattorova D.D (2014) THE CHOICE OF TEACHING METHODS IN THE TRAINING OF TEACHERS THE SECOND INTERNATIONAL CONFERENCE ON DEVELOPMENT OF PEDAGOGICAL SCIENCE IN EURASIA VIENNA, 05 НОЯБРЯ 2014 ГОДА
 11. Bekkulov A.M. Sattorova D.D THE USE OF COMPUTER GAMES IN LEARNING PROCESSES (2014) EUROPEAN CONFERENCE ON EDUCATION AND APPLIED PSYCHOLOGY Vienna, 23 декабря 2014 года
 12. Nazarova Zarrina Allaberdiyevna (2021) TECHNOLOGY for Improving the Innovative Mechanisms of Formation of A Creative Teacher 2021
 13. Olimova, D. M. kizi. (2022). UZBEK EMBROIDERY AS PRICELESS CULTURAL HERITAGE OF UZBEK PEOPLE. INTERNATIONAL SCIENTIFIC CONFERENCE " INNOVATIVE TRENDS IN SCIENCE, PRACTICE AND EDUCATION", 1(2), 67-70. Retrieved from <http://academicsresearch.ru/index.php/iscitspe/article/view/731>
 14. Olimova, D. (2022). IMPORTANCE OF UZBEK TRADITIONAL EMBROIDERY IN YOUTH UPBRINGING. Science and innovation, 1(B6), 574-576.
 15. Olimova, D. M. Q. (2023). SYSTEMATIC APPROACH TO TEACHING THE HISTORY OF UZBEK NATIONAL EMBROIDERY. Academic research in educational sciences, 5(NUU conference 3), 481-485.
 16. Umida Yakubova. (2023). SOCIAL PEDAGOGICAL COMPETENCE AS THE BASIS OF THE FUTURE TEACHER'S ACTIVITY. Zeta Repository, 4(04), 1311-1319. Retrieved from <https://zetarepo.com/index.php/zr/article/view/397>
 17. Sharifovna, Y. U. (2022). Professional Qualities of a Social Educator. Vital Annex: International Journal of Novel Research in Advanced Sciences, 1(5), 171-175.
 18. Yakubova, U. (2023). SOCIAL PEDAGOGICAL COMPETENCE AS THE BASIS OF THE FUTURE TEACHER'S ACTIVITY. Zeta Repository, 4(04), 1311-1319.
 19. Kurbonova, Z. (2023). USING THE TEACHING OF MAHMUD AZ ZAMAXHARI IN IMPROVING THE SYSTEM OF SPIRITUAL AND MORAL EDUCATION OF STUDENTS. World Bulletin of Social Sciences, 21, 121-123.
 20. Kurbonova, Z. (2023). USING THE TEACHING OF MAHMUD AZ ZAMAXHARI IN IMPROVING THE SYSTEM OF SPIRITUAL AND MORAL EDUCATION OF STUDENTS. World Bulletin of Social Sciences, 21, 121-123.
 21. Курбанова, З. (2023). Mahmud az Zamaxshariyning axloqiy-tarbiyaviy qarashlari . Современные тенденции психологической службы в системе образования: теория и практика, 1(1), 81-86. извлечено от <https://inlibrary.uz/index.php/psychological-service-education/article/view/23493>
 22. Артикова, К. К. (2023). КРЕАТИВ ЁНДАШУВ АСОСИДА ОЛИЙ ТАЪЛИМ ТИЗИМИДА ЎҚИТИШНИНГ ДИДАКТИК ТАЪМИНОТИНИ ЯРАТИШ. IJODKOR O'QITUVCHI, 3(30), 35-41.
 23. Kamoldjonovna, A. K., & Pirmkulovna, P. G. (2022). PROFESSIONAL DEDICATION AND PROFESSIONAL COMPETENCE AS A SUBJECT OF STUDY OF PSYCHOLOGY. Web of Scientist: International Scientific Research Journal, 3(02), 766-772.



24. Олтибоев Асқад Эшдавлатович Dolimov U. Eski maktab // Tafakkur. – Toshkent, 2010. - № 1. –B. 66-73.
25. Erkin o'g'li, S.O.(2022). O'qitishda ta'limiy metodlarni muvofiqlashtirishning ilmiy-nazariy asoslari. Oriental Renaissance: Innovative, educational, natural and social sciences, 2(5).
26. NAZAROVA Z. A. TECHNOLOGY OF IMPROVING THE PERSONALITY OF CREATIVE TEACHERS. Теоретическая и прикладная наука ISSN: 2308-4944eISSN: 2409-0085
27. Erkin o'g'li, S. O. (2022). O'QITISHDA TA'LIMIY METODLARNI MUVOFIQLASHTIRISHNING ILMIY-NAZARIY ASOSLARI.