

**FORM METHODS AND TOOLS FOR TEACHING CREATIVE THINKING IN  
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**ANNOTATION:**Teaching learning subjects to creative thinking in teaching is not limited to giving only theoretical knowledge. This process involves developing students' creative abilities, encouraging them to develop new ideas, and solving problems with new, innovative approaches. There are a number of methods and tools for the development of creative thinking. The use of techniques and tools in teaching creative thinking further enriches the educational process and allows students to improve their abilities.

**Key words:**creative thinking, academic subjects, teaching methods, innovative approaches, grouped problems, educational process, students, problem solving, idea development, teaching tools.

Creativity is the application and development of a personal approach, personal thought in cultural relations, being considered an individual character of an individual. Creativity is an important pedagogical problem today when analyzed in terms of psychological point. Derived from the lexical meaning of creationism, it is the pedagogical category that motivates teachers to personal innovation. Creativity is the integration of personal qualities of teachers. Because the character of the reader will be curious from nature.

In doing so, the student himself relies on the creative potential of the teacher in overcoming the problems encountered in the process of performing the various problem in an independent state, together with which he develops his creative abilities. The concept of creativity is complex and has several meanings. Creativity is not a spontaneous quality in students, of course. Creativeness means overcoming the difficulties that the reader faces in the processes of striving for innovation, mastering news and being able to apply it in his daily activities. In fact, too, the task of education is to provide students with the necessary competencies so that they can succeed in the future.

Because of these, they help flexible workers with the demands of the present, which are rapidly changing in the process of globalization, where literacy and numbering are promoted, adapt to the world. As a result of the occupation of creative thinking by student youth, they develop skills to work in sectors that have not yet been created, including doing things that the machine cannot perform and solving global problems, using new technologies to solve pressing problems. One of the efforts of the Republic of Uzbekistan in reforming the educational sphere is the fact that educators operate in a harmonious way to the requirements of the time, have deep knowledge, skills, skills and culture related to the upbringing of a comprehensively developed perfect personality, especially since primary education teachers are required to be more active, more qualified. This includes, in its own right, the organization of non-ualuk qualification in the development of creative activities of teachers of primary education.

K. Rodgers (1944) understands that creativity is a new solution to problems and the identification of new ways of expressing something, Event, state. Studies in which creativity is compared with personality and intellectual properties are of great importance. Research on comparison with intellectual properties D. Performed by Guilford.

Creativity is a personal property of a person, associated with his self-improvement and development. Creativity (lot., Eng. "create " – creation, " creative" - creator, creator) - the creative ability of an individual, which characterizes the readiness to produce new ideas and is part of giftedness as an independent factor. What is creativity? American psychologist Abraham Maslow believes that this is a creative direction that is inherent in everyone, but is lost by many under the influence of the existing system of upbringing, education and social practice. L.S. According to vigotsky, " creativity in everyday life around us is a necessary condition for existence", L.M. And Popov sees the beginning of creativity from the ability of living matter to reflect, and A.S. Makarenko attached special importance to a well-coordinated pedagogical team of creative work, noting that even an inexperienced teacher in such a team can achieve a lot, and mentions that even an experienced and creative teacher may not achieve high results at work if teachers are not integrated into a holistic creative team. The creativity of an individual is manifested in his thinking, communication, feelings, in certain types of activity. For the development of creativism, the psychological state of students is especially important in the elementary grades. Because the mental state of the student, based on the character trait, chose an approach, and his future social position is formed. The outcome of a properly chosen approach, on the other hand, begins to slowly manifest itself in the individual's postponing activities from the transition to the upper stage. One such program is the international PISA program. It is an international study that assesses not only the separation of creative people, but also how Continuous the process of learning students ' thinking, as well as their ability to express their opinion, and so on, is with school activities or other characteristics of Education. His main work in front of PISA studies is to provide information at the international level relevant to the field of education and the creative thinking skill that can achieve great results in pedagogy. It should be noted that the formation of creative thinking skills in the process of obtaining education, the possibilities of its creative thinking in the process of training schoolchildren of Secondary Education lead to tangible results. In this process, the tasks given should be inextricably linked with the subjects taught at the school, practical and test tasks should be simple and simple, close to those performed in the classroom or outside the classroom. It is somewhat difficult to gather information on various aspects of creative thinking in PISA studies. But this is considered one of the main tasks. The assessment of students ' creative thinking in the PISA program is made up of test and general information pieces. What is the role of education in creative thinking? In the systematic development of the reader, this question is presented in the manual "framework for evaluating creative thinking in PISA studies" as follows foreign research conclusions:

1. The main task of education is to form in the student the skills that will be needed today and in the future in order for him to live a successful life in society. Creative thinking is an important skill that today's youth should have. 2. Creative thinking applies student learning by interpreting phenomena, experiences, and behavior in a new and personally meaningful way. 3. The imagination and curiosity of the student come into hand in the educational process: creative thinking thus becomes a tool of mutual agreement, even in the context of previously established educational goals. In the development of creativity in children, it is necessary to pay attention to: 1) to encourage the asking of many questions by them and to apply this habit; 2) to stimulate children's independence and strengthen responsibility in them; 3) to provide an opportunity for the organization of independent activities by children; 4) to focus on the interests of children. The following factors prevent the development of creativity in the Individual: 1) taking oneself away from risk; 2) allowing rudeness in thinking and behavior; 3) the lack of high appreciation of the individual's fantasy and imagination; 4) subjugation to others; 5) in any case, only thinking of

achievement. A number of techniques can be used to develop creative thinking: students fulfill different social roles and try to understand events from the point of view of others. Collaborative problem solving in small groups of students develops initial thoughts. Visual regulation of thoughts and ideas increases creative thinking by showing connections between them. To allow students to draw inspiration from different objects or situations to find ideas and solutions. Tools used in the development of creative thinking: to create easy-to-use opportunities for meetings. Materials that help students reflect through creativity. To allow students to test and develop their ideas. Inspiring readers through thematic literature. Teaching creative thinking in academic subjects increases students' creative abilities as well as broadens their thinking. With the help of methods and tools, this process can be carried out more efficiently. In turn, creative thinking prepares the future generation to solve modern problems.

#### USED LITERATURE AND REFERENCES :

1. Son of Alisher, Jr. O. (2022). PERSONALITY DEVELOPMENT OF THE SOCIAL ENVIRONMENT
2. Effect. Pedagogues magazine, 18(1), 220-225.
3. Yusufovich, A. A. (2020). ISSUES OF FORMATION OF COMMUNICATIVE COMPETENCE, WHICH IS AN INTEGRAL PART OF PROFESSIONAL-PEDAGOGICAL TRAINING OF FUTURE TEACHERS IN THE EDUCATIONAL PROCESS. European Journal of Research and Reflection in Educational Sciences Vol, 8(7).
4. Tojimatov, J., & Egamberdiyev, O. (2022). THE IMPORTANCE OF PHYSICAL EDUCATION IN THE FORMATION OF PSYCHOLOGICAL HEALTH OF A PERSON.
5. Egamberdiyev, O., Kholdarova, Z., & Khusanova, M. (2022). THE ORDER OF THE APPEARANCE OF THE PEOPLE'S DIPLOMACY OF THE GREAT SILK ROAD COUNTIES.
6. ugli Egamberdiyev, O. A., ugli Makhamadzhonov, J. Z., & kizi Sobirova, A. M. (2022). NEED TO FORM CREATIVE COMPETENCE IN EDUCATORS. Educational Research in Universal Sciences, 1(3), 162-165.
7. <https://mahoratacademy.uz/kurs-sahifasi/72> 8. <https://ppmedu.jdpu.uz/index.php/ppmedu/article/download/8580/5946/20437> 9. <https://in-academy.uz/index.php/ejar/article/download/35902/22964/37243>
8. Ziyaqulova Maftuna Shuhrat qizi “Boshlang'ich sinf o'quvchilariga axloqiy tarbiya berishda hadislarning ahamiyati” TA'LIM FAN VA INNOVATSIYA . -ISSN 2181-8274, 2024-yil.
9. Ziyaqulova Maftuna Shuhrat qizi “ Boshlang'ich sinf o'quvchilarida shaxslararo muloqot madaniyatini shakllantirish”. “Муғаллим ҳам ўзликсиз билимлендириў” /Илимий-методикалық журнал 2024 5/2-сан ISSN 2181-7138. Нөкис -2024
10. Ziyaqulova Maftuna Shuhrat qizi “Problems and solutions of scientific and innovative research” “Boshlang'ich sinf o'quvchilarida ijobiy fazilatlarini shakllantirish mexanizmi”- 2024- yil 182-1187-betlar Volume 01. ISSUE 07 universalconference.us.



11. [BOSHLANG'ICH SINF O'QUVCHILARINING AQLIY SALOHIYATINI HAMDA KREATIVLIGINI OSHIRISHDA MENTAL ARIFMETIKANING O'RNI](#)
12. M Ziyaqulova, S Ashurova, N Toshpulatova - Development and innovations in science, 2023
13. [The importance of riddles in the development of students creativity in the learning process](#)
14. ZMS Qizi - Asian Journal Of Multidimensional Research, 2021