

**CREATIVITY OF FUTURE TECHNOLOGY TEACHERS
CREATIVE TECHNOLOGIES OF DEVELOPMENT**

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Abstract: *The article describes the issues of creativity formation of future teachers of technology in the process of teaching specialized subjects. This article describes the improvement of the new creative technologies introduced in our country in the educational system.*

Key words: *Expertise, science, teaching, process, technology, teacher, creativity, formation, education, training, development, improvement, pedagogical creativity, approach, action.*

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In our country, attention is paid to the education system at the level of state policy. During the past period, on the establishment of an effective system of general education aimed at bringing the growing generation in our country to a healthy and comprehensively mature adult, introducing effective forms and methods of education and upbringing into the educational process. extensive work has been done. At the same time, the conducted analysis showed the need to solve the issues of ensuring coverage of children with general education, filling general educational institutions with modern teaching and methodical materials and fiction literature, and attracting qualified pedagogues and management personnel to the field. is

doing. In order to further improve the general education system, ensure children's equal use of quality general education, develop the non-state sector of general education services, as well as in the order of the President of the Republic of Uzbekistan dated September 30, 2018 "Management of the General Education System" "On improvement measures" was adopted. In this decision, the concept of development of the general education system of the Republic of Uzbekistan until 2030 was developed.

Creativity (lat., ing. Create) is a creative ability that characterizes the readiness of an individual to produce new ideas and is part of talent as an independent factor. It is necessary to understand the meaning of the concept of developing the qualities of creativity in a person.

It affects creativity and, in turn, develops intuition. When creativity, intuition and general intellect intersect a creative product is created. In this regard, we can interpret creativity in the views of the thinker Abu Ali Ibn Sina. In his views, the inclination, aspiration, activity, ability, talent and abilities of the teacher's students should be taken into account. Formation of creativity of future teachers of technology in the process of teaching specialized subjects is one of the urgent issues today. Creativity is manifested as a set of skills related to creativity and creative qualities of a person. Creativity includes a high level of sensitivity to problems, foresight of results, imagination. A person's creativity is manifested in his thinking, communication, feelings, and certain types of activities. Creativity is also reflected as an important factor of talent.[4]

From this point of view, the formation of an innovative educational environment based on advanced competencies, the wide application of interactive teaching methods and technologies, and the development of creativity skills in the process of teaching specialized subjects in future teachers of technology is an important place. holds The possibilities of organizing creative activities of future technology teachers using the principles of education in specialized subject classes can be divided into the following groups:

1. Organization of educational processes based on new pedagogical

technology. In it, in the process of education, by explaining the social laws of society at a conscious pace, the future teachers of Technology will rely on individual development factors. Two aspects of the educational process; it is necessary to rely on the stages of organizing students' cognitive activities, taking into account external images and internal opportunities, as the driving forces of the educational process.

2. In accordance with the principles of integral and continuous professional education in the field of specialization, it is important to base the principles of basic knowledge that determine the nature of students' cognitive activity on the basis of determining the place of educational principles in the teacher's activity.

3. The main rules of education that educate the principle of the educational nature of the specialty science; it is necessary to pay special attention to the formation of a worldview, the education of moral qualities and will, the formation of education, and the development of abilities.

4. It takes a leading place in the real development of the student's knowledge based on the scientific principles of the specialty and the laws of society. It defines the character of the activity of reflecting the scientific laws in the educational material, understanding and thinking about the theoretical rules.

5. The principle of the sequence of the specialty science comprehensively stipulates that the whole existence itself is a known sequence. It is necessary to have a sequence in the educational process. Sequence in education requires moving from the known to the unknown, from close to far, from easy material to difficult material.

6. The principle of comprehensibility of the specialty science is the compatibility of education with the concepts of the worldview of students and young people, new knowledge is the knowledge in the mind of the student. It is worthy of special attention to connect with and understand life experience, to raise the general level, to implement the subject materials in accordance with the student's development.

7. The instructional principle of the specialty science is based on the principle of instructional materials for students to have an emotional knowledge of the history of technology. The fact that the knowledge, skills and qualifications of

the teacher himself and the teaching process he has implemented are the main guidelines in technology education, which lays the foundation for the use of new technologies in education.

8. Based on the principle of consciousness and activity in the specialty, students generalize knowledge, skills and abilities, the precise application of theories makes thinking much clearer.

9. Based on the principle of imparting independent knowledge in the field of specialization, it is assumed that the learned knowledge, skills, and abilities will be kept in the mind of the student for a long time and carefully, which will be a solid foundation for later application. The main concept in the subject material is the exaggeration of the rules, the main idea is connected with the student's knowledge, it lays the foundation for the formation of world views and beliefs.

10. The principle of individualization of the specialty subject is an individual approach to each student depending on the personal characteristics, the interdependence of the application of educational principles in the course of the lesson and the content of extracurricular activities, creates positive aspirations.[5]

It creates the basis for creating problem situations and creating software education. When characterizing and classifying the types of creative activity on the basis of criteria, it is understood to systematize the types of creativity, their manifestation during human activity, creative professions, factors determining creative activity, methods of implementing creative activity, features, etc.

In the formation of creative qualities in students in the "Specialty Science" classes, the following conditions guarantee the achievement of effectiveness in the educational process:

- paying special attention to the formation of creative thinking in students;
- appropriate practical use of the theoretical foundations of the formation of creative thinking in students in the course of the lesson;
- effective use of existing opportunities that serve to form creative thinking in students;
- effective application of forms, methods and tools to the educational process

that help to form students' creative thinking;

- Ensuring interdisciplinarity in the course of "Major Science" lessons;
- creating conditions that allow students to apply the theoretical knowledge they have acquired in practice.

In addition to the above considerations, the methodological basis of the science of teaching specialized subjects determines what methods are based on its implementation. The methodological basis of the specialty science and its teaching methodology determines what methods are based on its implementation, people's knowledge of the world and themselves had different foundations in different historical periods and they gave rise to unique methods. Currently, obtaining unbiased information about the world and its features is the scientific method of creating true knowledge, the methodological basis of the specialty science and the methodology of its teaching. The scientific correctness of the methodological basis is a necessary condition for the specialty science and the methodology of its teaching.

The didactic basis of the specialty subject and its teaching methodology determines its compliance with educational rules and principles. Didactic requirements ensure the theoretically correct performance of educational tasks. The didactic correctness of the specialty science and its teaching methodology is a necessary condition for its high efficiency. For this, creative use of scientific conclusions of modern didactics is required. Pedagogical basis of the science of specialization and its teaching methodology. It comes from the scientific conclusions of modern pedagogy. In this, the general structural structure, content, form, methods, tools, organization and conduct of the pedagogical process, its diagnosis, monitoring, curriculum plans, and the like are scientifically correct. It is ensured.

The science of specialization and its teaching methodology is taking a big place in the development of modern pedagogy. The psychological basis of the science of specialization and its teaching methodology is determined by the scientific conclusions and recommendations of the science of psychology. The

expected result can be achieved only by using them correctly in the educational process. For this reason, it is necessary to fully take into account the laws of psychology when studying the subject of specialization and the methodology of its teaching. At each stage of education, methods adapted to the characteristics of the relevant age psychology are used. At each stage, an appropriate level of education and training is provided. Pedagogical psychology studies these issues. The physiological basis of the specialty subject and its teaching methodology is to take into account the physiological characteristics of students of different ages.

References:

1. Mirziyoyev. Sh. M. We will build our great future together with our brave and noble people. "Uzbekistan" 2017.
2. President of the Republic of Uzbekistan SH. Decision of M. Mirziyoyev on April 20, 2017 "Measures for further development of the higher education system"
3. Bloom B.S. (ed) et al. A taxonomy of educational objectives: Handbook I: The Cognitive Domain. Harvow, 1956.
4. Muslimov.N.A, Sharipov.Sh.S. and b. Labor education, teaching methodology for choosing a profession. Study guide. Tashkent, 2009.
5. Muslimov N.A, Sharipov Sh.S, Kaysinov O.A. Methodology of labor education training, guidance for choosing a profession. Textbook. Tashkent.: 2014.
6. <http://www.istedod.uz> <http://www.pedagog.uz/> Peculiarities of technology science.
7. Shomirzayev M.Kh. Innovative pedagogical technologies in teaching technology. Textbook. -T.: Tafakkur, 2021. -226 p.
8. Shomirzayev M.Kh. The genesis of formation and development technology of Uzbek national crafts. Educational manual. - T.: New edition, 2016. 88 p.
9. Shomirzayev M.Kh. Innovative processes in Uzbek national crafts. Educational manual. - T.: New edition, 2017. - 48 p
10. Decision of the President of the Republic of Uzbekistan on approval of the concept of development of the general education system of the Republic of Uzbekistan until 2030 PQ-4312 08.05.2019