

PEDAGOGICAL-PSYCHOLOGICAL CONDITIONS OF TEACHER TRAINING OF FUTURE TECHNOLOGICAL EDUCATION

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ABSTRACT

The article discusses the essence of the content of the pedagogical and psychological conditions of training future teachers of technological education, as well as current problems and prospects.

Keywords: Vocational education, technical skills, technology and design, content of the main lines of service and agriculture, integration of content, technological approach.

INTRODUCTION, LITERATURE REVIEW AND DISCUSSION

Although creativity is the highest form of human self-expression, it is one of the least studied fields today. After all, no matter how unusual, this situation is natural. This is because the complexity of the creative process makes it difficult to study it in the context of natural research methods.

The problem of developing creative abilities is inextricably linked with the qualities of talent, talent and genius. Issues related to their upbringing and development have been of interest to mankind at all times and are still attracting everyone today with their charm. Types of creativity include scientific, artistic, technical, inventive and organizational creativity. Creativity underlies every ability in a person. Creativity also has a special place in the manifestation of special talent.

High creative abilities are the product of some single and, even, not a few factors, but a large complex of pedagogical-psychological conditions. However, acknowledging this refutation, which is difficult to deny, does not mean, firstly, that it is impossible to artificially generate a number of factors that promote creativity, and secondly, that under the compensation law of mental development, the lack of influence of a particular factor

Giving a person the freedom to think reveals the abilities that were previously hidden in him. The same aspect is inevitably reflected in creativity.

Indeed, no matter how creativity is manifested, it is seen in the way a person innovates, in the formation of new relationships. This means that even if a person's abilities are manifested on the basis of creativity, it is the result of his or her actions related to innovation.

Several factors can be cited in the development of creativity in man. Additional education, additional classes also play a key role in the creativity of the student, that is, the greater manifestation of his creative potential.

Today, the creative approach is limited to professions that are traditionally considered to be based on creativity (painting, design, acting, composition, etc.), rather, vague, unprepared behaviors, it is clear to everyone that something new is essential for any field of activity in

which something new must be invented. As experts point out, creativity is not an individual quality, but a specific complex of human mental characteristics, which includes:

Intellectual qualities - speed of thinking (awakening of many thoughts, ideas and associations), flexibility of thinking (diversity of emerging ideas), originality of thinking (rarity, unusualness of the invented ideas, as well as relevance).

Personality traits (first and foremost, openness to new life experiences).

Value system (putting values of development, knowledge and freedom first).

The main purpose of the Law "On Education" and the National Training Program adopted in our country is to improve the education system and organize it at the level of world standards, one of the main directions of which is to increase the creative activity of students.

It is known that every person, whether he is a craftsman, a teacher or a representative of another field, inherited from his ancestors, teaches his creative knowledge, skills, abilities and experience to the new generation and serves to ensure continuity in this regard. Our scholars, such as Farabi, Ibn Sino, Beruni, Yusuf Khas Hajib, connect the issues of youth education primarily with the teaching of professional literacy. It is possible to speak about the true perfection of a person only if his professional creativity and unity of national values are harmoniously and collectively manifested. In this sense, the orientation of professional, theoretical knowledge to practical activities, the formation of a set of high professional skills and competencies are important criteria for the development of individual creative activity of the student.

While the development of creativity takes place through professional literacy and respect for national values, it is first necessary to look at the traditions of past ancestors and the path they have traversed.

It is important to arouse students' interest in science in order to teach them creative activities. The science teacher should be able to explain to students what additional opportunities the acquisition of creative approach skills in solving the tasks facing them will give them. Here are some of them:

- be able to quickly adapt to new activities in society, to a new community;
- creativity can become the meaning of human life, a way of self-expression;
- a creative approach allows you to successfully resolve technical and production issues, as well as conflicts that arise in the family, community, society;
- in the process of creative activity, the most noble personal qualities, such as diligence, perseverance in achieving goals, the ability to accept criticism correctly, are embodied in the person.
- usually in the process of technical creativity a mutual harmonization of mental and physical labor is achieved.

Many psychologists in our country and abroad have conducted research on the problems of creative activity. Despite the fact that their schools, approaches, directions are different, the main aspiration in all of them is to develop an integral, holistic description of creative activity; to cover this event in a clear whole; stratification of creative factors as a complex problem; to reveal the interrelationships, to move along a line of laws that are different in nature. It is clear that the creativity of the individual is characterized not only by emotional thinking, but also by the product of mental thinking, as well as by the set of knowledge acquired in man.

Scholar Farabi states that “in this process, a person uses all his mental and spiritual qualities. The decisive moments of his creative activity are usually associated with the situation in which a person's strengths and abilities are at stake,” he explains.

Creativity is not an event beyond human will, so it is necessary to use special exercises and methods in its realization, and to give a person the opportunity to do so in the first place.

Many authors suggest methods of exercises and tasks designed to activate the cognitive processes (creative imagination, critical thinking, etc.) that form the basis of creativity as effective ways to develop creative thinking. Everything that surrounds us teaches us something we always learn and live. In this regard, it is important to work with visual aids, which are included in the educational programs for students, to develop students' knowledge in the classroom on this basis.

Our goal is to use different stages in the expression of creative features and to determine to what extent it is developed in each person. It is clear that the primary feature in the manifestation of creative ability is, first of all, human thinking.

Philosophers, sociologists, physiologists, psychologists and educators have long been interested in the concepts that make up the structure of the creative process: thinking, ability, talent, genius, and the conditions, methods and many other issues of their development.

The formation of the concepts of "creativity" and "creative process" is also a complex activity, that is, they include the concepts of “creative thinking”, “analytical thinking”, “critical thinking”, “critical analysis” and other similar thinking operations. But any creative process is based on thinking, that is, creative thinking. This means that no matter what a person thinks about, his subconscious way of thinking, his worldview, is manifested. In creative thinking, on the other hand, his intention is embodied in the way he reacts to what is happening.

Everyone has the opportunity to engage in any creative activity (anatomical-physiological opportunity). There is no one who has no creative ability. There is no such thing as a child without talent, there are only parents who cannot discover talent.

No matter how strong a creative instinct a person is born with, it can be concluded that it is difficult to develop if he is not in a suitable, comfortable environment.

Thus, the role of pedagogical education in the proper development of creative abilities, the creation of appropriate conditions for it is extremely high. In the context of general secondary schools, this type of education should focus on the development of students' all-round creative activities. In this case:

First, it is not appropriate to exclude a student who has not demonstrated any creative ability from the lowest levels. Not mastering the lesson well does not mean that the student is incompetent, not creative, but the disorder of lesson preparation, illness, family reasons may be holding him back. Therefore, it is necessary to create conditions for the growth of creativity by revealing such reasons.

Second, in the rapid growth of buds of creative ability, it is important to direct students to the profession and to form a broad knowledge of the profession, to open up unknown aspects for

them. First of all, it is necessary to recognize the role of teachers in the family, parental support, as well as in the educational institution.

Thirdly, the role of active labor is invaluable in the development of creativity from simple inquisitiveness, that is, from thinking to the level of "genius". Sometimes you have to confront the ongoing debates about innate ability and talent. Obviously, there are people with such natural qualities. However, the history of mankind shows that even people with such qualities have succeeded with constant, hard work. They say saint in the hand that works. Without labor, man cannot achieve any success. He reveals his identity first of all as a result of good intentions in his heart, and also as a result of actions in accordance with this intention.

Professional creativity is considered as a process of activity aimed at creating a product of creativity as an intellectual property, based on the integration of scientific and technical knowledge and innovative activities in the field of economics, education and science-production. Professional creativity is a process that has been shaped over the years, based on certain experiences.

Development of skills in the composition of products and the processing of fabrics and fibrous materials on the basis of simple elements of the national art of construction, the development of creative abilities through technical modeling, the development of students' imagination, creative abilities in the process of working with natural materials. Based on this requirement, in the process of technological education, the student uses the simplest elements of the national art of construction, to acquire skills in the construction of landscapes, compositions from materials, sewing patterns from different types of stitches, sewing soft toys and repairing various clothes, maintenance and minor repairs of floor coverings and lacquered and coated surfaces of furniture; methods of minor repairs of window frames and heat storage in winter; development of creative abilities through technical modeling, methodological research aimed at creative thinking, creative approach to work, providing a competent approach to teaching the creation of simple, various technical devices. Educational-methodical manuals developed in the laboratory, on the basis of methodical recommendations students knitting and its types, acquire skills in the use of equipment in accordance with safety regulations, work with clay or plasticine, make various toys, figurines from plasticine and clay. Also, in the process of working with natural materials, their creative abilities grow, cutting and gluing a variety of waste and artistic materials, acquire the ability to make animals, poultry, birds, household items, fun toys through moving and non-moving attachment methods.

Acquire knowledge, skills and abilities in the field of folk handicrafts, embroidery, goldsmithing, working methods of making simple products of weaving. Through the teaching of folk crafts, they understand the national spirit of the people, learn their way of life, traditions, strive to contribute to the restoration of forgotten traditions and develop a sense of its development. There is a desire to study national values, historical monuments, the rich heritage of folk masters, to use them in their practical activities.

In short, the ability to find the right talents of today's students, to create in them a favorable environment for the budding of the buds of creativity, self-improvement, will and constant "boiling", "high spirits", it is important to make them feel confident that they will be able to do whatever they want. Only then will such important issues as educating the youth facing the current education system in the spirit of creativity, the formation of their inventive and inventive skills be solved. Of course, since the main purpose of education is to bring up a

perfect person, in turn, it is necessary to support them, to be a close assistant in the manifestation of their talents.

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