

## Formation of Students' Creative Thinking Skills in the Process of Design Activities

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### Abstract:

It is known that the learning process is carried out by dividing it into several levels. As a result, students have the opportunity to study and analyze artistic and creative achievements at every stage. The article deals with the psychological aspects of the creative development of vocational training students in the study of compositions of the visual arts.

**Keywords:** artistic creation, process, activity, professional, education, composition.

When organizing creativity, two interrelated tasks need to be considered. The first is determined by the development of students' independent thinking in creative activities, the desire to acquire knowledge, the formation of a scientific outlook, and the second by teaching students to apply the acquired knowledge independently in education and practice.

Creativity is a type of activity that serves to ensure the strength and perfection of the knowledge acquired by students, the formation in them of the qualities of an active and independent thinking person, the development of mental abilities. This is especially important for future teachers of labor and vocational education in mastering the basics of science, and then in increasing the direct leadership of the process, the development of creative forms of work.

The need for creativity is realized in several stages, from a psychophysiological point of view. The first of these is lust, which is the simplest form of need and is consciously controlled by man. Second, desire, which is a relatively higher stage of development, is also consciously controlled by man, which represents a set of attitudes of an individual towards a particular object or event. The third is based on curiosity, desire, and the concepts associated with it, which is the most complex stage. Interest is formed under the influence of external influences in life, personal activities and the educational process. These conditions play a particularly important role in the formation of personality, having a significant impact on the psychological factors - attention, perception, perception, memory, thinking, intuition and willpower. The third is based on curiosity, desire, and the concepts associated with it, which is the most complex stage. Interest is formed under the influence of external influences in life, personal activities and the educational process. These conditions play a particularly important role in the formation of personality, having a significant impact on the psychological factors - attention, perception, perception, memory, thinking, intuition and willpower.

However, many learners did not have the opportunity to become acquainted with creative methods, to learn to apply them in solving problems in different areas of culture. Why? Because there was no manual for students that combined the above-mentioned sections of creative theory, the basic methods.

Let's get back to creativity. Try to choose from the suggested types of creative activities: making a salad, reading a famous detective story, creating an advertisement, solving a physics problem, composing a story based on the text read, make-up. What qualities does this shape in you?

Creativity includes types of activities that cannot be copied from existing patterns and in the process of being performed create innovations for oneself or for others. Thus, creativity is the process of creating new systems objectively (for all) or subjectively (for oneself).

No matter who a person is, they have to cook, model clothes, raise their children, do a lot of housework, and solve household problems. The answer is therefore the same, everyone needs to master creative techniques. What techniques to use and for what activities to use or not to use is his choice.

The most difficult question arises - how can each of us determine which activities have hereditary traits. In M. Twain's story "Captain Sommerfield's Adventures in Heaven," Captain Sommerfield descends into heaven and enters a room where all the famous military men are discussed. He looks at the faces of the participants and recognizes most of them, but no matter how hard he tries, he can't recognize the person sitting at the head of the table leading the discussion.

He then asks his neighbor about it, and receives the answer that the man who led the debate was a shoemaker in his lifetime and that he would have been a genius of martial arts even if he had been in the military. Knowing their abilities from childhood allows them to develop them purposefully and not waste years and even decades searching for their profession and field of activity. But it often happens that after graduating from university and working for a few years, a person realizes that this is not his job. Our lives are short and inefficient, and it is very sad to lose a few years to an activity that does not bring joy to a person. At present, various psychological tests have been developed to determine the abilities of children and adults, but it is still a long way to a final solution to the problem. It is unfortunate to note that there is no universal test to determine people's abilities.

Another very important question is is there a limit to developing creative skills? It is known that reproductive abilities develop to a certain extent. No matter how much we practice tying the strings, pushing the oil on the bread, sooner or later we will reach the ultimate speed that we can no longer surpass. Creative abilities, scientists have proven, have no boundaries, and as long as a person has the desire to develop them, they will continue to develop.

The conclusion is simple: creative activity depends on ourselves, or rather, on our hereditary abilities and work abilities. It is the ability to work that determines the outcomes of the activities achieved during a person's lifetime. It turns out that there are no goals that a person cannot achieve without high work ability and the necessary genetic skills.

It is well known that activity is the process by which a person creates a specific product. Activities can be reproductive and creative. Reproductive activity is a process performed according to a detailed algorithm, and as a result a product is created that is not new for the subject of activity (subjective novelty) and for other people (objective novelty). Creativity is another matter.

No detailed algorithm can be created for any type of creative activity, but a common algorithm has already been developed for many types of creative activity, such as: cooking, sewing clothes, solving creative problems in fine arts, and so on. As a result of creative activity, a product with subjective or objective innovation is created. What do you think is the determining factor for a person in achieving life success: money, parental status, relationships, education level, knowledge of languages, or something else? It is this thing that determines the level of mastery of methods and technologies of creative activity.

The presence of the above conditions in a person allows you to be a great performer, which allows you to occupy a certain level in a professional position, but climbing the ladder of life success is not possible without creative activity. More precisely, it is possible up to the first important

problem that man cannot solve. To make sure of this, imagine a doctor treating people with strict prescriptions and an engineer designing a non-standard case in a patient, or a building designed for standard primers, if the project is ordered for a very loose primer. And there are many such examples. Therefore, creative activity is the main intellectual capital of an individual, which determines the success of each person in life, regardless of profession. That is, creative activity is an activity that can not be bought for any money, but can only be learned.

In the process of creative activity, a person's ability to think creatively is formed and developed. What do you think, what is creative thinking? It has been proven in psychology that a person can think creatively if he is able to perform the following logical activities: combining systems and their elements, identifying cause-and-effect relationships, and carrying out research activities. The development of creative thinking in students is carried out in the process of teaching them ways to solve creative problems, with the help of which logical abilities are formed and developed in each group. But what are the issues of creativity? Creativity issues are issues that require changes in learned rules or the creation of new rules independently, and as a result new subjective or objective new systems - information, constructions, substances, events, works of art - are created.

Thus, the development of creative thinking in students requires not a separate creative issues, but a system of creative issues in which students in the process of implementation form and develop logical activities in the above groups.

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