



## CREATIVE THINKING

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### ABSTRACT

*This article presents the specifics of thinking and compares creative thinking in different proportions. The individual characteristics of thinking, creative thinking, creative abilities, especially the creative personality and creative abilities, as well as the views of scientists are briefly highlighted.*

**KEYWORDS:** *Thinking, creativity, creative thinking, creative person, innovation, innovative thinking, thought, flexibility, mind, science, education, upbringing, logic.*

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### INTRODUCTION

When creative thinking reaches its peak, it manifests itself in harmony with ability. Since figurative thinking is a leading feature in childhood, this ability is manifested in images. During adolescence, many write poems, stories, solve various problems (natural and concrete) in the sciences, and most interestingly, fantastic creativity comes to the fore. In general, every person has a creative ability, but its formation depends on motivation and action. A person who makes discoveries and scientific work, demonstrates a simple example of invention, and writes a work is valued as a subject of creative thinking.

If the product of human mental ability is high, creativity will be effective. A person can be intellectual, but may not be creative. In world science, there are many interpretations of types of thinking, and their direct impact on personality development is explained in practical and theoretical terms. The reason for the continuation of further inventions, discoveries, innovations and changes is the diversity of thinking. As unique as the role of thinking is in the discovery of one's self, the role of creative thinking in understanding and changing the external world is infinite" [1, p.17].

As I.Karimov has repeatedly stated in his opinion, "Increasing the intellectual potential and effective use of intellectual wealth will serve as the main pillars of our great state".

Intellectual potential means that young people can apply their knowledge in practice and, if necessary, apply a scientific approach to solving a problem, intellectual wealth means effectively using the achievements, discoveries and aspirations of our

youth in the field of science, as well as creating ample opportunities for them to implement these actions and achievements. Creativity is broader, and the formation of creative thinking is primarily influenced by the social environment, and the second factor is the individual behavior of young people. If we define creative thinking, then this is a type of thinking that is the creation of new knowledge based on certain acquired knowledge, experience and indirect generalization of an absolutely unique approach to solving a specific problem. We think that it is enough to emphasize that an object can be used for different purposes, if we explain it in a simpler way, if a child who is engaged in drawing is taught to circle and draw lines in different shapes, colors and leaves, the child gradually begins to create new compositions of drawings, or if a child who is just learning to play chess is taught small opening combinations to mate his opponent by teaching him to move chess pieces, he will gradually begin to independently create complex combinations in which creative thinking is manifested" [2, p.87].

New scientific discoveries are made by young people through an approach to the acquisition of knowledge through creative thinking. This, in turn, reflects the level of intellectual potential of young people. Thus, the high level of intellectual potential of young people in the development of a harmoniously developed personality has a significant impact on the development of creative thinking. For this, the influence of educational institutions, families and the surrounding social environment, which reveal the opportunities and abilities of young people, is invaluable.



Broadly speaking, Creativity is a word that resonates in everyone's thinking, consciousness, imagination and tone, and can be seen as a personal, creative and intellectual feature in the activities of people of different professions (literary critics, artists and not only in the field of creativity). Large companies, institutions and organizations are looking for people with creative minds that value them and create the necessary conditions for life, work and activity with incredible large monthly salaries, If they move their work to another place, they will miss it for a long time. Especially if you hear a speech from a versatile speaker, it will stay etched in your memory for the rest of your life. While many people see these qualities as a necessity in the modern world, others see them as the fruit of vital interests, a precise conceptual framework for measuring and equating such thinking with anything has not yet been found.

Simply put, what is "creativity", "creative thinking", "the essence of creative thinking" and who is a "creative person", what qualities he possesses or what qualities he should have, creativity is the creation and discovery of new ideas, new discoveries that acquire originality in unusual or ordinary times, the ability to positively and successfully solve problems in a non-standard way, deviating from the stereotypes and forms adopted for thinking in society, and trying to solve them with new ideas and approaches, even if they are not resolved. This means that one need to look at the task from a different angle and solve it in a unique way. Creative thinking is a form of thinking that puts love and affection, creativity with a vibrant, fantasy nature first.

We can also compare creative thinking to innovative thinking. In this regard, one of the scientists of our country, Sh.Kushakov, commenting on innovative thinking, said: "Innovative thinking is creative thinking aimed at meeting the growing and improving human needs, the constant production of new ideas, projects and values in specialized communities and enterprises" [4, p.17].

Creativity is the ability to imagine things that are unpredictable, original and unique. It has to be expressive, exciting and creative. It is a mirror of how well a person can think in any situation. So, while creativity is a mental cognitive process that takes place in more thinking, innovation is its application and outcome. Creativity is a theory, and innovation is its practice. Unusual-minded creative thinkers are constantly on the lookout for their own unique ways to realize their destinies [5, p.13].

At the same time, creative thinking is not just a concept inherent in scientists, inventors, artists, literary critics, but also representatives of all spheres - entrepreneurs, businessmen, scientists, educators, cultural figures, economists, politicians, in a word, all dynamic spheres of life, honed competition. For example, creative thinking allows entrepreneurs to see the future of places and regions, businesses and

organizations whose prospects have long been considered abstract and useless. If the existing space is full of competitors, they will have to come up with something new. Creativity allows artists to stop painting beautiful but identical paintings and create an original piece that will not lose its appeal for centuries, even if it is much more difficult to create. The need for psychologists to think creatively is to help them find new, original ways of communicating with clients that their colleagues have not used. The fact that scientists have a creative mind is an important factor in the historical and technological development of mankind. Not to mention the importance of creativity for such professionals as philosophers, logicians and propagandists of national ideas, since creativity and art always go hand in hand. The key to success in their main work is creativity.

Being a creative person is the fruit of hard and arduous gradual activity. Creativity, a person with creative thinking will have certain opportunities and advantages over others in this world. For example, to surpass colleagues with creative and positive qualities, to be a relatively interesting advisor and interlocutor (selfishness, lust, materialism, boredom in conversation, shyness are uncharacteristic features of creative personalities), be able to make unexpected decisions in difficult life situations. Another characteristic of creative people is to be tolerant and patient with those around them because they know that everyone judges differently.

A person can use his creative potential not only to invent new interesting discoveries, thoughts and ideas, improve life or lifestyles, create convenience for himself and others, but also to enrich, improve and develop the world of thinking as a whole. Of course, any creative activity allows to understand the essence of the human concept. As a result, it becomes obvious that one of the most important qualities that distinguish a person from other living beings is the creation of conditions for oneself, the invention of activities that are pleasant for life and the relief of the burden of labor.

However, a number of other researchers confuse innovative thinking and creativity, which, of course, has similarities, but does not mean the same, "innovative thinking is a departure from the deductive method of solving problem situations, and creative thinking is the use of methods and tools, methods and ideas that are unusual, not like everyone else, but different, useful and quick" [6, p. 58].

Studying the biographies and stories of people who have achieved success in their life activities, we can conclude that the peak of creative thinking and opportunities for creativity can be achieved at any age and in any situation. Creative thinking can distinguish three types of individuals. The former can reach the peak of their creativity in the period before adolescence, some can fully



manifest all their creative qualities by the age of 20-30, while others are very slow, their highest creativity and ideas occur in the second half of life, that is, in maturity. Others refuse creative discovery without revealing their abilities.

## CONCLUSIONS

It shows that a person can develop creative abilities, creative thinking and creativity at any age. However, most of us are not ready to acknowledge our creative talent, and even if we are ready, we will not be able to get rid of the vices of laziness and indifference, while creative thinking and creativity is a common concept for many people. These abilities are either not adequately assessed or taken into account by the person himself, the existing abilities are not developed, and as a result of not working on himself, he considers himself an average person. As a result, he becomes entangled in his own shell, causing a gradual loss of potential and creativity. If you want to develop the qualities of a creative person, then start to take full advantage of opportunities without wasting time. Believe - trust works wonders.

The future is achieved due to the fact that the young generation, which is the foundation of a great state, opens up a way to demonstrate their creative potential in order to become a fully mature person. The main goal of the leadership of our state, making efforts in this direction, is to educate a generation worthy of our great ancestors.

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