

WAYS TO DEVELOP CREATIVITY AND INNOVATIVE THINKING IN THE YOUNG GENERATION

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Abstract: This article is dedicated to the study of ways to develop creativity and innovative thinking in the young generation. First of all, the importance of creativity and innovative thinking, as well as the differences and interrelations between these two concepts are analysed. The importance of the role of the educational system in directing young people to creative thinking and developing their ability to create new ideas is emphasized. The article shows the role of modern pedagogical technologies, interactive learning methods and scientific research in the development of creativity. The need to develop analytical and critical thinking among young people for the formation of innovative thinking and how this process can be implemented based on world experience will be discussed. Also, important strategies are proposed for the formation of young people as competitive and advanced thinkers in society through innovative approaches.

Key words: young generation, creativity, innovative thinking, pedagogy, modern education, creative thinking, educational technologies, society, youth.

Introduction

Today, in different countries of the world, there are changes and innovations aimed at directing the young generation to creativity and innovative thinking. Creativity and innovative thinking have a great impact not only on the personal development of each person, but also on the scientific, economic and cultural development of society. Innovative thinking encourages young people to develop society with their ideas, create new technologies, and creativity opens up new opportunities for them. The development of these abilities in the educational system is an important factor for the formation of modern knowledge and skills among young people. The article talks about effective methods and strategies for developing creativity and innovative thinking of young people. Also, the influence of innovations and methodological approaches in the field of education on this process is analyzed.

Creativity and Innovative Thinking: Definition and Importance

Concepts of creativity and innovative thinking are related but different concepts. Creativity is the process of creating new and original ideas, based on originality and novelty. Innovative thinking is a thinking process that leads to the implementation of ideas, that is, to the creation of new technologies, methods or products. It is important to correctly understand the

difference between these two concepts and to guide young people in the right way during their education.

Developing Creativity in the Young Generation

It is necessary to use effective educational technologies, interactive and creative teaching methods to encourage creativity among young people. The following methods help in the development of creative thinking for young people in the educational system:

1. The first method: Problem based educational tasks this encourages young people to solve various problems, engages them in creative thinking.
2. The second method: Interactive lessons and group activities this develops the exchange of ideas and creative discussions among young people.
3. The third method: practical projects and experiments will allow young people to apply what they have learned in practice.

Developing Innovative Thinking

In the formation of innovative thinking, it is necessary to provide young people with new knowledge and skills, to develop their critical thinking skills. For this, the following approaches can be used in the educational system:

Analysis and Synthesis: Young people need to critically analyze their thoughts and synthesize new ideas.

Motivate and inspire: Introducing young people to successful innovative achievements and experiences will inspire them to generate new ideas.

Education and research: To guide young people to conduct scientific research and create innovations.

World Experience and Innovative Pedagogy

There are effective experiences in teaching young people innovative thinking and creativity on a global scale. For example, in Japan, a special "Safe Mistakes" method is used to encourage creativity among young people. In this way, it is recommended to learn from mistakes and take them as a part of creating new ideas. Also, methods of actively involving young people in free thinking and creative processes are widespread in Scandinavian educational systems.

Enhancing Young People's Interest in Innovative Thinking

In order to increase the interest of young people in innovative thinking, it is necessary to introduce new and interesting methods for them in the educational process. The use of new technologies, such as virtual reality, artificial intelligence and 3D modeling tools, opens young people to new opportunities and develops their creative thinking. Also, by encouraging young people to participate in various innovation labs, hackathons and startups, they can test their ideas and gain new knowledge.

Pedagogical Methods and Innovations

It is important to improve pedagogical methods in guiding young people to creativity. Methods such as conducting experiments, interactive lessons, and problem-based learning encourage young people to freely express their thoughts and give them the opportunity to find new approaches to problem solving. Changing methodological design and teaching strategies can be effective in teaching young people to think innovatively.

For example, through the methodology of design thinking, young people can develop their creativity and innovative abilities. In this method, young people experience all the processes from problem analysis to creating new ideas and testing them in practice. Also, the modern multidisciplinary approach encourages young people to develop their ideas in an integrated way between different disciplines and fields.

The role of society in the development of creative thinking of young people

Positive views of society towards youth and education, attention and support to them are one of the main factors of development of creativity and innovative thinking. The establishment of youth centers and scientific research laboratories, as well as the involvement of young people in various social activities, creates an environment that supports innovation in society. At the same time, mentoring systems in both the public and private sectors strengthen connections that help young people put new ideas into practice.

Experience of Uzbekistan: Development of Innovative Education

A number of successful initiatives are being implemented in Uzbekistan to guide young people to creativity and innovative thinking. Based on the "Youth and Innovations" program, a number of educational institutions are conducting activities and trainings to encourage young people to create innovative ideas. Innovative laboratories and start-up academies were established in the educational system of Uzbekistan, and young people were given the opportunity to realize their business ideas. Such systems provide young people with the necessary knowledge for new thinking and implementation.

Integrating Innovation: Education and Social Problem Solving

Teaching how to solve social problems also plays an important role in the development of innovative thinking. It is necessary to encourage young people not only to achieve scientific achievements, but also to solve social problems. For example, the introduction of topics such as combating climate change, sustainable development and environmental protection into the educational process will help direct the innovative thinking of young people not only to economic development, but also to social justice and environmental sustainability. Such issues encourage young people not only to create ideas, but also to implement positive changes in society.

In conclusion

Directing young people to creativity and innovative thinking is the main part not only of the educational process, but also of the development of society. With the help of modern pedagogical methods, technologies and innovative approaches, young people are taught not only

to acquire knowledge, but also to create and implement new ideas. This process is important in developing society and creating new opportunities for it.

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