

## The role of independent education in the formation of a scientific world view

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**Abstract:** The problems of education have always occupied the most important place in the development of the state. The intensive development of science as a result of the modern thinking of mankind introduces innovations in all spheres of society. This article highlights the importance of the formation of skills and abilities of self-education in scientific worldview.

**Keywords:** young generation, education, upbringing, knowledge, scientific activity.

In modern conditions, special attention is paid to the issues of intellectual, moral, cultural development and professional growth of the younger generation, as the most important condition for the formation of a comprehensively developed youth. One of the main tasks of educational institutions today is the formation of skills and abilities of independent education.

Today, the view on the role and place of continuous education in the life of a person and society has been revised. The content of education reflects the problems of the development of society, production, science, and culture. Education is directed to the future and is oriented towards advancing the development of society, practice, professional career, personal qualities and skills of a specialist. The role of science that creates innovations is growing and thus contributes to the formation of a modern scientific worldview.

Scientific and technological development in the modern world significantly increases the importance of intellectually developed youth, the need for a higher interest in science, a higher sense of responsibility and a deeper humanistic thinking through each action.

The preparation of an educated and intellectually developed generation is the most important condition for sustainable development and modernization of the country. Currently, young people are facing such urgent tasks as the deep development of modern knowledge and professions. Specialists who have a personal worldview and possess the skills of independent thinking can contribute to the development of scientific activity.

Today's scientific youth is both educated and erudite. It is independently able to reach the essence of many phenomena and independently seeks to understand something, not limited to ready-made formulas. However, we must not forget that the methods of educational work with young people should become more "educated", more modern and less intrusive, since idle talk in propaganda, which was tolerated yesterday, is today hard to accept by young people. Argumentation and sincerity, an inseparable connection with life, that, in our opinion, is the power of ideological influence on the younger generation.

When you meet modern youth with new intellectual abilities and values, you can't help but catch yourself thinking: how different they are from each other. Each has its own face, illuminated by sincerity. And the goal of all our work with young people is to preserve this individuality in every person, enrich him with knowledge, equip him with national principles and a spiritual worldview with humanistic views. Only such a generation is capable of multiplying the strength and intellectual wealth of our society.

In the process of moral, professional education of youth, the interaction of a number of factors based on a healthy environment in the scientific youth team is taken into account, such as the skillful organization of the educational, scientific process, well-placed household services for youth, a healthy atmosphere in the team, the formation of reasonable spiritual and moral morality and learning to think independently.

In teaching independent thinking, an important role is played by the introduction of independent work in the educational process. There is a certain set of conditions for conducting independent work, which contributes to the formation of a scientific worldview. These conditions include: support and motivation for independent thinking, the need for independent education, a respectful attitude towards criticism, the ability to perceive new ideas and opinions, providing an opportunity to accumulate experience of independent thinking, as well as the ability to analyze and develop innovations in science.

It should be noted that the education system in our country makes it possible to systematize knowledge and acquire skills to solve theoretical and practical problems in the vector of education with the creative use of the achievements of modern thought and technology.

In conclusion, we can say that education today is facing the need for profound all-encompassing changes. To improve the quality of the education system and in the development of the scientific worldview of the younger generation, the correct formation of skills for independent education plays an important role.

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