

**PEDAGOGICAL CONDITIONS AND NEED FOR THE DEVELOPMENT OF CRITICAL
THINKING IN STUDENTS**

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Abstract: This article discusses the pedagogical conditions and necessity of developing critical thinking in students in today's process of globalization and integration .

Key words: Critical thinking, active learning methods, interactive environment, creativity, innovation, social skills.

INTRODUCTION .

We all know that in today's rapidly changing times, various conditions are being created for young people to find their place in life and develop into a competitive workforce.

In particular, in order not to fall into different currents in the process of information exchange, attention is paid to forming critical thinking in pupils and students. Just as we consider it important to separate white from black, good from bad, separating the original, valid and correct information from fake and incorrect, false news has reached the level of demand of the time today. This statement is confirmed by the following speech of the President Sh.M. Mirziyoyev: "Critical analysis, strict discipline and personal responsibility should be the daily rules of every leader's activity" [1]. In this process, in order to help young people to develop their critical thinking and improve their professional skills, the classes conducted in connection with psychology and pedagogy in higher educational institutions were systematically launched. .

Increasing the professional mobilization of students. The principle of continuity of education is also connected with this. The modern world requires a person to always be ready to improve their skills, re-learn and even master new professions. By getting acquainted with different directions of artistic activity, students can open new spheres for self-realization and get the opportunity to earn extra money[2].

MAIN PART

In the history of pedagogy, the term critical thinking was used by the scientist K. Popper around the middle of the 20th century. He calls critical thinking almost crucial for every living organism and describes it as being used to confirm or deny what is happening around. In such situations, critical thinking serves as the main method for eliminating or completely avoiding error, searching for the truth, and finding it. A number of other scientists who worked on the issue of critical thinking, including E. De Bono, J. Denmark, M. Lipman, D. Halpern, D. Clouse. According to AEPetrov, critical thinking has a reflexive nature, in which a person examines his own thinking and its correctness, and it gives high efficiency for scientific research in this direction.

One of the main goals of the modern education system is to develop critical thinking skills in students. **Critical thinking** is the ability to analyze, evaluate, and draw logical conclusions from information. Critical thinking is necessary not only for scientific and academic achievements, but also for making good decisions and solving problems effectively in everyday life. In order to develop critical thinking, it is necessary to create special pedagogical conditions in the educational process. These conditions include using active learning methods, creating an interactive and collaborative learning environment, providing rich learning resources, giving difficult and problematic tasks, organizing reflection and analysis processes, conducting question-and-answer sessions, including curriculum updates and teacher training. Below are important pedagogical conditions for the development of critical thinking in students:

1. **Active learning methods** - Active learning methods encourage students to actively participate in the learning process. Instead of traditional lecture and memorization methods, problem-based learning, discussions, group projects and practical exercises should be included[3]. These methods encourage students to express their opinions and critically analyze other opinions[4].
2. **Interactive Environment** - Creating an interactive and collaborative learning environment encourages brainstorming and collaborative work among students. This helps develop critical thinking skills. One of the main advantages of an interactive environment is the ability to analyze and evaluate different points of view[5].
3. **A wealth of learning resources** - Learning materials should be presented from a variety of sources and perspectives. It teaches students to compare and analyze different opinions[6]. This approach allows students to have a broader view and deeper understanding of the subject.
4. **Challenging and Problematic Tasks** - Students should be given tasks to solve complex and unanswerable problems. It forces them to think creatively and critically[7]. Through problem-based learning, students form their own opinions and learn to justify them.
5. **Reflection and Analysis** – Reflective activities should be organized so that students can continuously analyze their learning process. It strengthens their critical thinking skills. Reflection helps students improve their self-assessment.
6. **Curriculum update** - Curricula should be regularly updated and include subjects and topics aimed at developing critical thinking. It introduces students to modern problems and new scientific achievements.
7. **Teacher Training** - Teachers themselves need to have adequate knowledge and skills in critical thinking. Therefore, it is necessary to organize special seminars and trainings for teachers. Qualified teachers can effectively develop students' critical thinking skills.
8. critical thinking and creating the necessary conditions, it is natural to ask why. Indeed, why should we develop critical thinking in young personnel and put into practice all the necessary methods for this? In order to find answers to our similar questions, we will consider several necessities that require critical thinking based on the demands placed on the issue of personnel selection.

Creativity and innovation . Critical thinking stimulates creativity, which is important for generating new ideas and innovations. Innovation and creativity are essential to succeed in today's economy. New ideas and innovations contribute to social and economic development[3]. When students acquire critical thinking skills, they can find new approaches to different problems, which will be important in their future work activities.

Creativity and innovation are essential for societal development and technological advancement. Critical thinking develops in students a unique approach and the ability to test new ideas. At the same time, with the help of critical thinking, students develop creative ways of solving existing

problems. This process enhances students' independent thinking skills and prepares them to solve future problems.

Solving complex problems. Critical thinking skills prepare students to solve complex problems logically and effectively. Complex problem solving skills are important not only in academic life but also in professional life[4]. By learning these skills, students will have the ability to make the right decisions in different situations and solve problems quickly and efficiently.

Solving complex problems requires critical thinking, as this process teaches students to analyze data, divide problems into segments, and find optimal solutions for each segment. This process contributes to the intellectual development of students and prepares them to find the right way even in complex and uncertain situations.

Information verifiability. Because today there is a lot of information and its quality varies, critical thinking helps students to critically evaluate information and avoid false information[8]. This allows them to choose reliable sources and make the right decisions. Information verification teaches students to be careful when accepting any information, to check sources and evaluate their reliability.

Information verifiability helps to increase the level of awareness in the society. Students with critical thinking skills can distinguish between true and false information by analyzing and critically approaching information from various sources. This is of great importance in making important decisions in their personal and professional life.

Ability to make decisions . Critical thinking develops the logical and analytical skills needed to make good decisions[5]. The ability to make decisions helps to achieve success in various areas of life. Students learn to analyze data, identify problems, and find the best solutions through critical thinking.

Decision-making skills are essential for a successful personal and professional life. Critical thinking helps make this process effective as students learn to make every decision in a logical and reasoned way. This ability will also be useful in making difficult decisions in the future.

Social skills. Critical thinking develops social skills among students such as communication, discussion and debate, and working with others. These skills increase their role and activities in society. Through critical thinking, students develop the ability to communicate effectively with others and analyze different points of view.

Social skills are formed through the development of critical thinking. Students improve their social skills by working in diverse groups, participating in discussions, and sharing ideas with others. This process helps to strengthen their place and role in society.

Democratic society . Citizens with critical thinking skills actively participate in democratic processes, make informed decisions, and contribute to social justice. It helps the sustainable and fair development of the society. Critical thinking allows citizens to actively participate in democratic processes and express their opinions freely. Democratic societies need citizens with critical thinking skills. Critical thinking encourages citizens to make informed and responsible decisions and to promote justice and equality in society. This helps the sustainable development of the society and the provision of social justice.

Personal development . Critical thinking is also important for personal development, as it helps in self-awareness, self-improvement and achieving one's goals in life. Personal development helps a person achieve success in all areas. Through critical thinking, students develop the skills needed to better understand themselves and achieve their goals.

The modern world requires a person to always be ready to improve their skills, re-learn and even learn new professions[9]. Personal development is achieved through critical thinking. Students will have the ability to analyze themselves, identify their strengths and weaknesses, and make

plans for their development[10]. This process helps them achieve success in their personal and professional lives.

In conclusion, it should be noted that students with critical thinking skills will have the ability to logically and effectively solve complex problems, critically evaluate information, make good decisions, and develop social skills in the future. This contributes to their personal development, professional success and sustainable development of a democratic society. Therefore, great attention should be paid to the development of critical thinking skills in the educational process. This not only serves the academic achievement of the students but also their future success. By developing critical thinking, we will educate future generations to be individuals who can solve complex problems, have creative and innovative thinking, can critically evaluate information, and are capable of ensuring social justice.

FOYDALANILGAN ADABIYOTLAR RO'YXATI

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