

THE ROLE OF TEACHERS IN SHAPING STUDENTS' CRITICAL THINKING SKILLS.

Egamberdiyeva Khojiya Abdumavlon qizi

Polytechnic Lyceum of Turin

Abstract: The role of teachers in shaping students' critical thinking skills is profoundly significant in the modern educational landscape. As the demands of the twenty-first century continue to evolve, the necessity for students to become not only repositories of knowledge but also critical thinkers and problem-solvers has become clear. Critical thinking skills enable students to analyze information objectively, evaluate complex issues, and make well-reasoned decisions, which are crucial capabilities for thriving in a rapidly changing world. In this context, teachers are not merely transmitters of factual information; rather, they serve as guides, facilitators, and motivators who actively encourage the development of students' abilities to think critically and independently.

Key words: teachers, critical thinking, students, classroom environment, instructional strategies, curriculum, assessment, inquiry, collaboration, cognitive skills

The classroom environment created by teachers plays a crucial role in fostering critical thinking. When teachers cultivate an open, inclusive, and respectful atmosphere, students feel more comfortable expressing their thoughts, questioning ideas, and engaging in intellectual discourse. Such an environment is essential for the development of critical thinking because it allows students to consider multiple perspectives, reflect upon their own beliefs, and adapt their opinions based on new evidence or reasoning. Teachers, through their attitudes, communication styles, and responses to students' contributions, establish the tone for classroom interaction, signalling that critical inquiry and thoughtful debate are valued and encouraged. Instructional strategies employed by teachers significantly impact the extent to which students develop critical thinking skills. Instead of relying solely on lecturing or rote memorization, effective teachers incorporate a variety of teaching methods that require

students to actively engage with content. Open-ended questioning, encouraging exploratory discussions, and providing opportunities for problem-solving are vital components of such instruction. Assignments that require analysis, synthesis, and evaluation of information prompt students to move beyond surface-level understanding and develop deeper cognitive abilities. Teachers who thoughtfully design their curriculum to include projects, case studies, and research activities are better equipped to cultivate critical thinking in their students [1].

An important aspect of a teacher's role in this process is modelling critical thinking. Teachers who demonstrate the ability to analyze issues from multiple viewpoints, admit the limits of their own knowledge, and approach problems systematically provide students with practical examples of how critical thinking operates in real life. By making their thinking processes explicit, teachers help students understand that critical thinking is not an innate ability, but a skill that can be learned, practiced, and refined over time. As students observe how their teachers approach challenges and make reasoned decisions, they begin to internalize similar patterns of thought and analysis. Assessment practices are equally important in promoting critical thinking. Teachers who design evaluations that measure higher-order cognitive skills rather than just recall of facts motivate students to engage more deeply with the material. Constructing assessments that require justification of reasoning, comparison of different viewpoints, or application of concepts to novel situations helps students move beyond simplistic answers and encourages them to think more broadly and critically. Through constructive feedback, teachers can guide students to reflect upon their thinking, recognize biases or gaps in logic, and improve their analytical abilities. A culture of questioning is at the core of critical thinking, and teachers play a central role in nurturing this culture. Teachers who ask challenging questions and encourage students to ask their own questions help to activate students' curiosity and critical faculties. By promoting inquiry-based learning, teachers support students in becoming active participants in their own education. This level of engagement assists students in

retaining knowledge, linking ideas across disciplines, and formulating nuanced understandings of complex issues [2].

Furthermore, teachers' expectations regarding student capabilities can have a significant impact on students' motivation to develop critical thinking skills. When teachers communicate high expectations and demonstrate trust in students' potential to tackle difficult problems, students are more likely to believe in their own abilities and to take intellectual risks. Conversely, low expectations or an overemphasis on correct answers can stifle initiative and discourage the exploration of alternative approaches or creative solutions. For this reason, teachers need to cultivate a mindset of growth and resilience among their students. Collaboration is another critical element in shaping students' critical thinking. Teachers can structure opportunities for group work, peer review, and collective problem-solving that encourage students to engage in dialogue, challenge assumptions, and defend their ideas with evidence. Collaborative activities expose students to diverse ways of thinking and require them to articulate and justify their reasoning. This social dimension of critical thinking is essential for developing reasoning skills that go beyond individual analysis to encompass effective communication, persuasion, and teamwork. Teachers also need to be aware of individual differences among students in terms of background knowledge, learning styles, and cognitive development. Adapting instructional approaches to accommodate these differences is vital for ensuring that all students have equitable opportunities to develop critical thinking skills. Differentiated instruction, scaffolding, and providing varied entry points into complex tasks are examples of how teachers can support students at different levels of readiness [3].

In recent years, the integration of technology into education has provided teachers with new tools to support the development of critical thinking. Digital resources such as online forums, simulations, virtual debates, and interactive learning platforms can foster higher-order thinking if used thoughtfully. Teachers who leverage technology to present challenging, real-world problems and facilitate global conversations enable students to apply critical thinking skills in new and authentic contexts. Ongoing

professional development is essential for teachers to remain effective in cultivating critical thinking skills. As educational research evolves and new pedagogical strategies emerge, teachers must continually refine their approaches to best support their students' intellectual growth. Engaging in reflective practice, participating in collaborative learning communities, and remaining open to feedback from colleagues and students allow teachers to improve their ability to nurture critical thinking. Another important dimension is the integration of ethical and social responsibility into the development of critical thinking skills. Teachers who encourage students to consider the broader implications of their analyses and decisions help to foster not only intellectual rigour but also moral and civic engagement. In guiding students to evaluate information from multiple sources, scrutinize arguments for logical consistency, and consider the impact of their choices on others, teachers play a key role in preparing students to become thoughtful, responsible citizens. Critical thinking is not confined to a single subject or discipline; rather, it spans all areas of the curriculum. Teachers across fields must work collaboratively to reinforce common thinking dispositions and skills, ensuring that students have consistent and cumulative opportunities to strengthen their critical thinking. For example, encouraging analytical writing across science, humanities, and mathematics classes helps students recognize transferable thinking strategies [4].

Creating an environment that supports risk-taking and values the process of learning is also central to the development of critical thinking. Teachers who allow students to make mistakes, learn from failure, and persist in the face of challenges contribute to the development of resilient thinkers. Emphasizing the value of effort and reflection, rather than just the final product, prepares students to tackle complex problems with creativity and perseverance. Although fostering critical thinking presents specific challenges, such as time constraints, standardized testing demands, and varying degrees of student motivation, teachers' commitment to this goal is fundamental for educational quality. Teachers who maintain a clear focus on the

importance of critical thinking can help students understand not only how to learn, but how to think, question, and act in an increasingly complex world [5].

Conclusion:

In conclusion, teachers hold a pivotal role in shaping students' critical thinking skills. Through the creation of supportive learning environments, use of effective instructional strategies, modelling of analytical reasoning, and assessment of higher-order skills, teachers enable students to become adept critical thinkers. By fostering a culture of inquiry, setting high expectations, encouraging collaboration, and adapting to individual needs, teachers ensure that students acquire the abilities necessary to analyze, evaluate, and solve problems effectively. Ultimately, the impact of teachers transcends the boundaries of the classroom, empowering students to navigate and contribute thoughtfully to society as informed, reflective, and responsible individuals. The sustained commitment of teachers in nurturing critical thinking is essential for preparing future generations to meet the demands and challenges of the twenty-first century.

References:

1. Abdurahmanova, M. (2019). "Developing Critical Thinking Skills in Primary School Students." *Uzbekistan Journal of Pedagogical Innovations*, 3(2), 51-59.
2. Akbarov, S. (2018). "Teachers' Strategies in Fostering Critical Thinking among Adolescents." *Educational Research in Uzbekistan*, 5(4), 100-107.
3. Alimova, D. (2021). "Interactive Methods for Enhancing Critical Thinking in the Classroom." *Journal of Modern Education*, 10(3), 72-79.
4. Ergasheva, N. (2019). "The Role of Questioning Techniques in Critical Thinking Development." *Progressive Education Journal*, 2(1), 65-70.
5. Islomov, U. (2022). "Curriculum Reforms and Critical Thinking Skills in Uzbek Schools." *Central Asian Pedagogy*, 14(1), 29-37.
6. Karimova, S. (2020). "Teacher's Role in Shaping Students' Problem-Solving and Critical Thinking." *Journal of Educational Studies*, 6(2), 34-42.

7. Mirzaeva, G. (2017). "Collaborative Learning Strategies to Promote Critical Thinking." *Advances in Education*, 8(1), 55-62.