

IMPROVING STUDENTS' ABILITY TO THINK CRITICALLY AND ANALYTICALLY

M. Buranova¹, G. Rakhmonova²

Abstract:

Critical analytical thinking skills are crucial in teaching students. These skills enable students to analyze complex problems, break them down into manageable parts, and develop effective solutions. In teaching, it empowers students to tackle academic problems and real-world problems with confidence. By fostering critical analytical thinking, teachers help students think for themselves, question assumptions, and explore different perspectives. This independence increases their ability to learn independently and adapt to new situations. Critical analytical thinking equips students with the tools to objectively evaluate information, weigh evidence, and make informed decisions. This is important both in academic settings and in everyday life, where people are constantly faced with choices. Developing critical analytical thinking skills in teaching not only improves academic performance, but also equips students with the tools they need to thrive in an increasingly complex and interconnected world.

Key words: analytical thinking, incorporative activity, development of analytical thinking skills, Socratic method, metacognitive skills

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Analytical thinking skills are important in teaching because they enable teachers to critically evaluate information, solve problems, and make informed decisions. Teachers with strong analytical skills are able to identify students' learning gaps and adapt teaching strategies to meet their needs. Able to analyze assessment data to assess student achievement and adjust teaching methods accordingly. Solves complex team management issues by evaluating the effectiveness of training materials and making recommendations for improvement, analyzing root causes and implementing effective solutions. Encourages students to think critically and analytically by posing thought-provoking questions and engaging them in problem-solving activities. Collaborates with colleagues to analyze trends in student performance and develop targeted intervention strategies. By incorporating analytical thinking skills into teaching practice, teachers can better support student learning and develop deeper understanding of subject matter. Critical thinking skills are important in teaching because they enable both teachers and students to effectively analyze, evaluate, and synthesize information. Teachers with strong problem-solving and critical thinking skills are able to identify and solve

¹ *Buranova Madina Uktamovna, PhD, Samarkand State Institute of Foreign Languages*

² *Rakhmonova Gulshoda Askarovna, Master student of Samarkand State Institute of Foreign Language*

problems in the learning process, adapting their teaching methods to effectively meet the needs of students. By encouraging inquiry, encouraging students to think critically, teachers create curiosity and a desire for deeper understanding, which leads to a richer learning experience. Teachers should assess the reliability and relevance of information before presenting it to students, modeling critical thinking in the process. Encouraging independent thinking, teaching critical thinking encourages students to question assumptions, form their own opinions, and defend their point of view with evidence. Preparing for the future, in a rapidly changing world, critical thinking skills are essential for students to solve complex problems, make informed decisions and make positive contributions to society. Incorporating activities such as debates, problem solving, and analysis of different perspectives into the curriculum helps to develop critical thinking skills in both teachers and students.

Improving students' critical and analytical thinking skills can be achieved through various strategies and approaches. Allow students to question assumptions they feel comfortable with, explore different perspectives and challenge conventional wisdom, and encourage them to ask "why" and "how" to explore topics more deeply. related to motivation. Teaching metacognition helps develop metacognitive skills by encouraging students to reflect on their thought processes. Teach them strategies to monitor their understanding, assess their understanding, and modify their learning approaches accordingly. Problem-Based Learning Engage students in problem-solving activities that require them to analyze information, identify patterns, and develop solutions, and present real-world problems or case studies that require critical thinking skills. Use the Socratic method to encourage critical thinking by asking probing questions that encourage students to clarify their thinking, analyze evidence, and express their own opinions. Encourage active learning experiences such as debates, group discussions, role-playing exercises, and hands-on projects. These activities promote participation, collaboration, and a deeper understanding of the course material. Providing Feedback Offer constructive feedback that focuses on students' critical thinking processes rather than their final answers. Encourage them to justify their opinions, consider alternative points of view, and revise their opinions. It is aimed at developing information literacy, teaching students how to critically evaluate information sources, distinguish between reliable and unreliable sources, and identify bias and misinformation. This equips them with essential skills to manage the vast amount of information available in the digital age. Promoting Divergent Thinking Encourage divergent thinking by presenting open-ended questions and problems with multiple solutions. Encourage students to think creatively, explore unconventional approaches, and consider alternative perspectives. Integration across disciplines Integrate critical thinking skills across disciplines to demonstrate their universal applicability. Show students how to apply critical thinking in foreign language, math, science, literature, history, and other subjects. Model critical thinking by demonstrating a systematic approach to problems, objective analysis of information, and sound decision-making. Share examples of your own critical thinking processes with students.

Benefits of improving students' critical thinking skills. Enhancing students' critical thinking skills has many benefits. Problem-solving skills improve: students learn to analyze situations, identify key issues, and develop effective solutions. Improved decision making, critical thinking helps students evaluate

options and make informed choices based on evidence and logic. Enhanced creativity develops the ability to think outside the box leading to innovative ideas and approaches. Increased Academic Achievement Students who think critically will perform better in a variety of subjects. Communication skills are strengthened. Greater independence results in self-confidence as students learn to question assumptions and make informed judgments. Better Resilience Critical thinkers are better equipped to overcome setbacks and adapt to new situations by effectively evaluating their options. Workforce readiness Employers value critical thinking skills because they are essential for success in the modern workplace, including problem solving, decision making, and innovation. Deeper Understanding Analytical thinking allows students to break down complex information into smaller pieces, leading to deeper understanding of topics. Critically evaluating arguments enables students to more effectively evaluate the validity and reliability of evidence and arguments, leading to stronger judgments and conclusions. By incorporating these strategies into teaching practice, teachers can effectively improve students' critical and analytical thinking skills, and their independence. Enhancing students' critical thinking skills helps them become more adept at problem solving, better decision-making, and able to critically evaluate information, leading to deeper understanding and improved learning outcomes. Enhancing students' analytical thinking skills enables them to critically evaluate information, creatively solve problems, and make informed decisions, contributing to their overall academic and personal development.

In conclusion, by improving students' critical thinking skills, we enable them to analyze information more effectively, make informed decisions, and solve complex problems with confidence. We also equip them with the skills to analyze problems, evaluate evidence and develop innovative solutions, thereby preparing them for success in a rapidly evolving world.

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