

A New Approach to The Primary Education Process: The 4k Model and Its Implementation in Practice

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ABSTRACT

This article presents ideas about modern approaches to organizing the educational process today, the role of the 4K model in the educational process, its specific features and issues of its application.

Keywords: 4K, collaboration, communication, creative thinking, critical thinking, analysis, evaluation, explanation, substantiation of one's point of view, hypothesis, regulation, communication, cooperation, creativity.

INTRODUCTION

In order to find its place in today's competitive education market, a modern specialist must organize the educational process based on a new approach. The quality of education depends, first of all, on the level of mastering the main link of the educational process, the educational material as both its object and subject.

Improving the quality of education is not only about accumulating more knowledge and acquiring information, but also about developing thinking, quickly selecting the necessary from a large flow of information, determining the direction, assessing the situation, and forming skills and competencies to solve non-standard problems. Namely, the 4K model plays an important catalytic role in improving the quality of education today.

The concept of 4K is usually used to express competencies in the cognitive, metacognitive, social and emotional spheres. 4K is collaboration, communication, critical thinking and creativity.

The 4K approach, as its name suggests, includes 4 principles: Collaboration: This helps students develop their ability to work in teams. It helps them develop the skills of working together, sharing ideas effectively, and supporting

each other. It builds the ability to communicate effectively and work as a team to achieve a common goal.

This quality is manifested in several interrelated abilities:

- the ability to perceive a common goal as a single goal;
- the formation of social relations, that is, to support the majority opinion, discuss, negotiate, coordinate one's actions with the actions of others;
- the fulfillment of one's obligations;
- independence and initiative.

Communicativeness: Learns to express one's thoughts clearly and clearly, to listen and understand the interlocutor, to use language effectively in conveying information. Through this competence, the student can enter into any communication without fear. He begins to start discussions, to understand the purpose and context of communication, to ask and answer questions. The skill of defending one's point of view is formed.

Creative thinking: Learns to use new approaches to achieve their goals, finds innovative solutions, acquires unexpected ways to solve problems through creativity, and

is divided into the following components:

- curiosity - interest in the world around them, a desire to independently collect more information and find answers to questions;
- imagination - the ability to develop many unique new ideas;
- development of ideas - the ability to evaluate ideas from different positions, identify their strengths and weaknesses, and respond to different situations with a new approach is formed.

Critical thinking: Includes the development of skills to critically evaluate information, form their own opinions and judgments. Students form their own point of view based on problem analysis and logical thinking.

Critical thinking is of great importance in digital education. The ability to critically evaluate, analyze, and interpret information helps to draw correct and logical conclusions and make rational decisions.

Through critical thinking, students can engage in social communication when working together in a team. It includes the following features:

- ❖ analysis - establishing a logical connection between the question being discussed and the evidence;
- ❖ evaluation - the ability to assess the reliability and accuracy of evidence;
- ❖ explanation - justifying one's point of view;
- ❖ hypothesising - the ability to identify gaps in information and draw independent conclusions on this basis;
- ❖ regulation - the ability to self-examine, draw conclusions, and reason is formed.

A student with 4K competencies will have the following indicators when solving problems:

- ✓ Communication: asks and answers questions, asks for clarification of information he does not

understand, explains his point of view, avoids conflict situations or finds solutions to them.

- ✓ Collaboration: asks for help, listens to and offers other ideas and opinions, works collaboratively, allows others to express their opinions.
- ✓ Critical thinking: analyzes information, suggests hypotheses and solutions, argues and evaluates.
- ✓ Creativity: suggests ideas, appreciates them, applies basic skills in unusual situations, finds original solutions, continues to search for new ideas and solutions even after completing the task.

Through these competencies, the student moves from passivity to initiative and independence in completing tasks, which can also be assessed and monitored with behavioral indicators.

What conditions are needed for the new model to work well?

An innovative approach based on the "4K" model does not require special conditions for its application in schools. For example, students' critical thinking and communication skills are developed through questions and exercises. Educational institutions have all the conditions for working with these methods.

What 4K model methods can be used to form these competencies?

Let's consider the structure of the "Corner of Ideas" or the Camers method. Concepts related to the topic are hung in four corners. Students go to the selected concepts related to the topic. Then they justify their opinions.

A new innovative approach can be seen in the growth of the student's worldview and thinking. The portrait of a 21st century student should include 21st century skills. This is the main goal of using an innovative approach. Moreover, the main goal of education is not only to provide students with knowledge, but also to teach them how to apply the knowledge they have gained in life.

In countries that rank high in international rankings such as PISA and PIRLS, special emphasis is placed on the

development of skills such as communication, research, and creativity in students, which include the "4Ks", and therefore they achieve high results in international rankings.

REFERENCES

1. Tojiboeva Dilorom (2018). Approaches to education and the role of modular teaching. *Sovremennoe obrazovanie (Uzbekistan)*, (3), 36-44.
2. Yavkochdieva Dilafruz Egamhulovna (2021). Innovative approach as a factor in the modernization of the education system. *sovremennoe obrazovanie (Uzbekistan)*, (4 (101)), 43-50. *uzbekistan*, (3), 36-44.
3. Valiyeva, N. (2023). Using the works of oriental scholars in elementary school mathematics lessons. *Bulletin of the University of Kokand*, 549-550.
4. Abdurakhmonova, N. A. kizi. "Development of creative activity of future primary school teachers as a pedagogical problem". *Educational research in universal sciences*, vol. 2, no. 12, dec. 2023, pp. 208-11, <http://erus.uz/index.php/er/article/view/5507>.