

THE "4K" MODEL IN PRIMARY EDUCATION

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Abstract: The "4K" model is a new innovative approach that helps the student's outlook and thinking grow. Education provided through new textbooks created on the basis of this approach not only develops the child in all aspects, but also gives the necessary skills to adapt to modern society and become a part of it. This model, unlike traditional education based on memorization, focuses on developing students' creative thinking, problem-solving abilities, and communication skills.

Keywords: "4K" model, collaboration, communicative, creative thinking, critical thinking, PISA International Assessment Program, PIRLS International Assessment Program.

Аннотация: Модель «4К» — это новый инновационный подход, который помогает расширить кругозор и мышление учащихся. Образование с помощью новых учебников, созданных на основе такого подхода, не только развивает ребенка во всех аспектах, но и дает необходимые навыки для адаптации в современном обществе и становления его частью. Эта модель направлена на развитие творческого мышления учащихся, навыков решения проблем и коммуникативных навыков, в отличие от традиционного обучения, основанного на запоминании.

Ключевые слова: Модель «4К», сотрудничество, коммуникативность, творческое мышление, критическое мышление, Международная программа оценки PISA, Международная программа оценки PIRLS.

Annotatsiya: O'quvchining dunyoqarashi, fikrlashini o'sishida ko'maklashuvchi "4K" modeli yangi innovatsion yondashuv. Ushbu yondashuv asosida yaratilgan yangi darsliklar orqali berilgan ta'lim bolani har tomonlama rivojlantiribgina qolmay, zamonaviy jamiyatga moslashish, uning bir bo'lagi bo'lishi uchun kerakli ko'nikmalarni ham beradi. Bu model an'anaviy bilim yodlashga asoslangan ta'limdan farqli o'laroq, o'quvchilarning ijodiy fikrlashi, muammolarni hal qilish qobiliyati va muloqot ko'nikmalarini rivojlantirishga qaratilgan.

Kalit so'zlar: "4K" modeli, kollaboratsiya, kommunikativlik, kreativ fikrlash, kritik fikrlash, PISA Xalqaro baholash dasturi, PIRLS Xalqaro baholash dasturi.

Introduction. In recent years, significant attention has been given to education in our country. In particular, the task of improving teaching methodology has been outlined in the Concept for the Development of the Public Education System until 2030. Accordingly, specific measures have been taken to update school textbooks. This process started with primary education, as primary education is the most crucial stage in personal development. During this period, a child begins to comprehend the world, laying the foundation for imagination and knowledge. Therefore, based on the experiences of leading foreign countries, new textbooks for grades 1-4 have been

developed using the "4K" model. This model not only teaches academic subjects but also helps students acquire essential 21st-century life skills.

But what exactly is the 4K model? The 4K model consists of four key principles: collaboration, communication, creative thinking, and critical thinking.

Collaboration: This refers to students' ability to work together in a team to achieve common goals, fostering cooperation and mutual support.

Communication: The ability to exchange information effectively by clearly expressing thoughts and opinions to an audience. This principle helps students listen, understand, and use language tools efficiently.

Creative Thinking: Encourages students to apply new approaches, develop innovative solutions, and think outside the box.

Critical Thinking: Enhances students' ability to analyze, compare, interpret, evaluate, and make decisions.

Literature Review. Edward de Bono is a world-renowned scholar in creative thinking and alternative approaches. He developed the Lateral Thinking and Six Thinking Hats methods, emphasizing that while people often think in direct and traditional ways, creative solutions require lateral thinking. The Six Thinking Hats method allows problems to be analyzed from different perspectives.

The earliest writings on critical thinking can be traced back to Plato's dialogues, which present Socratic teachings. In these works, Socrates discusses ethical dilemmas, such as whether it is right for him to escape from prison. Socrates emphasized the importance of "seeking evidence, critically examining judgments and assumptions, analyzing core concepts, and understanding not just what is said but also the essence of actions." His questioning method, known today as the Socratic Questioning technique, remains a popular strategy for teaching critical thinking.

Noam Chomsky, a linguist, philosopher, and political expert, has made significant contributions to communication and critical thinking.

Lev Vygotsky, on the other hand, highlighted the importance of collaboration in education and cognitive development. His theories explain how human thinking and learning develop through social interactions. Vygotsky believed that students need to collaborate with knowledgeable individuals (teachers, parents, or knowledgeable peers) to master complex knowledge. His Sociocultural Theory emphasizes that social interactions play a crucial role in developing communication skills.

Methods for Developing Communication Skills:

Active listening – Paying close attention to the speaker and understanding their message.

Role-playing simulations – Practicing real-life situations through role-playing.

Debates and discussions – Engaging in open exchanges of ideas on various topics.

Research Methodology. The concept of collaborative learning has been explored by scholars worldwide, including Professor R. Slavin from Johns Hopkins University and Professors R. Johnson and D. Johnson from the University of Minnesota. In the 1970s, John Dewey promoted the idea of planning outcomes in collaborative learning and organizing practical activities. These ideas have since been widely adopted in the education systems of countries such as the UK, Canada, Germany, Australia, the Netherlands, and Japan.

Innovative educators such as Shalva Amonashvili, S. N. Lysenko, V. F. Shatalov, and E. N. Ilyin emphasized the importance of humanitarian relationships between teachers and students in the learning process. The principles of collaborative pedagogy are reflected in the educational philosophies of A. Avloni, K. D. Ushinsky, A. S. Makarenko, V. A. Sukhomlinsky, J. J. Rousseau, and Carl Rogers. Today, these ideas form the foundation of 21st-century education.

concepts and are integrated into modern pedagogical technologies. The key idea of collaborative learning is not just completing assignments together but learning and exploring collectively.

Application of the 4K Model in Lessons. Lessons designed under the 4K model encourage active student participation, increase interest, and make the learning process interactive. Some methods to apply the 4K model in the classroom include:

Creative writing tasks: Encouraging students to write fairy tales, continue a story, or create their own comics.

Problem-solving questions: Asking thought-provoking questions to stimulate independent thinking. For example, "What would happen if a city lost electricity?"

Text analysis: Reading stories or articles and identifying the main idea while analyzing the author's perspective. Experiments and discussions: Conducting small experiments and discussing the results in class.

Developing Collaboration Skills (Cooperation)

Group projects: Assigning students to small groups to complete joint tasks, such as creating a poster about nature or conducting a scientific project.

Collaborative storytelling: Students take turns adding sentences to a group-written story.

Peer teaching: Stronger students explain topics to others, reinforcing both their own knowledge and group collaboration.

Analysis and Findings. The 4K model simplifies and enhances the learning process because it creates an interactive environment where students influence each other. Applying this innovative approach does not require additional funding, special conditions, or other resources—only qualified teachers and engaged students. International experiences show that countries ranking high in global education ratings, such as Singapore, China, and Finland, place special emphasis on the skills included in the 4K model. This is why they achieve remarkable success in global rankings like PISA and PIRLS. The 4K model goes beyond rote memorization and basic reading/writing skills, fostering essential life competencies.

Conclusion and Recommendations. In summary, incorporating the 4K model in primary school lessons leads to the following outcomes:

Enriches the learning experience

Expands students' cognitive abilities

Increases motivation for learning

Provides opportunities for personal growth and worldview development

Improves information exchange efficiency

Equips students with essential life skills

Promotes positive interactions among diverse cultural and socio-economic groups

Collaboration in education encourages mutual support, teamwork, and independent thinking.

Ultimately, this model helps fulfill society's demand for competent, cooperative, problem-solving, and critical-thinking individuals who can confidently express and defend their ideas.

USED LITERATURE:

1. O'zbekiston Respublikasi Xalq ta'limi tizimini 2030-yilgacha rivojlantirish konsepsiyasi.
2. U. Jabborov (Oliy Majlis Qonunchilik palatasi deputati) "Boshlang'ich sinfda 4K modeli – zamonaviy ta'limga innovasion yondashuv". 2023.

3. Xodiyeva Gulhayo "Ilg'or xorijiy tajribalar asosida bo'lajak o'qituvchilarda kasbiy kompetensiyalarni rivojlantirishning pedagogik strategiyalari: muammolar va yechimlar" konferensiyasidagi maqolasi. 2024-y. 581-584s
4. Serhat Kurt "Lev Vygotsky – Sociocultural Theory of Cognitive Development" EDUCATIONAL TECHNOLOGY 2020.
5. Abdixadirovna, U. D. (2022). Reviews on Preparation for the Pirls International Assessment Program. European Multidisciplinary Journal of Modern Science, 6, 696-700.
6. Abdikhadirovna, U. D. (2022). Possibilities of improving the methodology of preparing primary class students for the international assessment program based on digital technologies (example of pirls). Innovation in the modern education system, 3(25), 159-163.
7. Utanbayeva, D. A. (2020). BOSHLANG'ICH SINIF O'QUVCHILARINI ONA TILI TA'LIMI JARAYONIDA MUSTAQIL FIKRLASHGA O'RGATISH. In МОЛОДОЙ ИССЛЕДОВАТЕЛЬ: ВЫЗОВЫ И ПЕРСПЕКТИВЫ (pp. 236-239).
8. Utanbayeva, D. (2023). BOSHLANG 'ICH SINIF O 'QUVCHILARINI PIRLS XALQARO BAHOLASH DASTURIGA SAMARALI TAYYORLASHDA BADIY MATNLAR BILAN ISHASHNING AHAMIYATI. Общественные науки в современном мире: теоретические и практические исследования, 2(4), 27-31.
9. Abdixadirovna, U. D. (2022). The role of digital pedagogy in the development of student oral and written speech in primary school mother tongue lessonst.