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The Necessity of Modern Approaches in the Education System

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A B S T R A C T
In this work, the necessity of modern approaches in the educational system and their impact on the educational process are studied. Today, the educational system cannot be developed based only on traditional methods, because it is necessary to introduce new pedagogical approaches, innovative technologies and methods in order to meet the demands of society and the economy. In this study, aspects such as modern teaching methods, interactive education, person-centered teaching, digital technologies and adaptation to global requirements are emphasized. The role of modern approaches in developing students' activity, creative thinking and independent decision-making skills is important. The study shows the importance of providing students not only with knowledge, but also with social and moral values, as well as adapting them to the global outlook, using modern pedagogical methods and technologies. This work provides extensive information about modern approaches in the educational system aimed at improving the learning process of students, forming new thinking and social responsibility in society.

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Introduction Today, the education system is one of the most important sectors of society, with its demands and expected outcomes continually evolving over time. To effectively organize education, traditional methods alone are not sufficient; modern approaches, pedagogical innovations, and new technologies must also be utilized. This, in turn, introduces new dimensions such as developing students' thinking systems, creating opportunities for creative and critical thinking, and ensuring the effective use of digital technologies. Modern approaches in education are not limited to merely transmitting information but also emphasize fostering interactive communication between students and teachers. Therefore, implementing modern approaches in the education system today not only provides students with new knowledge but also contributes to their personal and social development. Consequently, the necessity of modern approaches in the education system serves not only to increase students' interest in education but also to prepare qualified personnel with the knowledge and skills that meet the future needs of society.

Literature Review and Methodology

Numerous studies and scholarly works have explored the modern education system and its approaches. These works emphasize the importance of new pedagogical methods, technologies, and teaching techniques in advancing the educational process. Literature review helps in deeply understanding the necessity of modern approaches in the education system.

“Opportunities for Utilizing Innovative Technologies in the Education System” (Azizqulov Tohir Jahongir O’g’li, 2024) - The author investigates the significance of innovations and modern pedagogical approaches in the education system. He particularly focuses on engaging students with innovative teaching methods, incorporating interactive technologies into the learning process, and developing new methods to enhance the quality of education.

Analysis of the Concept of "Innovative Activity"

When analyzing the concept of "innovative activity," G.A. Mkrtichyan's view is noteworthy: “Three main forms of pedagogical experimental activity can be distinguished: individual experimentation, pilot projects, and the teacher’s innovative activity. The more innovations there are in pedagogical activity, the better the teacher understands individual experiments.”

“Enhancing and Assessing the Effectiveness of Pedagogical Technologies in Modern Educational Processes” (Soatova Shoxista Abdumusayevna, Omonova Marxamatxon Soyibjon qizi, 2024) — These authors explain the latest approaches in pedagogy, as well as the significance of interactive and innovative methods. The authors highlight that modern teaching methods increase student engagement and make the educational process concise and effective.

The Development of Interactive Teaching Methods in the Education System (L. A. Karimova, 2022) — This research analyzes the role of interactive methods in teaching students to think critically and creatively. The author shows the importance of interactive approaches in encouraging student participation and fostering independence in assimilating information.

Methodology

To investigate this topic, the following methodological approaches will be utilized:

Research Method: Analytical and comparative methods will be used as part of the research. Through literature review, the differences, effectiveness, and impact of modern approaches and methods used in the education system on students will be examined.

Empirical Research: By conducting interviews and surveys with students and teachers, the application of modern pedagogical approaches in the educational process, their effectiveness, and their impact on students' thinking activities and learning abilities will be identified. This method is based on the real experiences of students and teachers.

Experimental Method: Experiments will be conducted by implementing modern approaches in the education system, and their results will be evaluated. The use of innovative methods and technologies by teachers and measuring changes in students' education will determine the effectiveness of the approach.

Statistical Analysis: Data collected during the research will be analyzed using statistical methods. This method will measure the impact of modern educational approaches and evaluate their results.

Discussion and Results

The contemporary education system is not just about transmitting knowledge but also aims to encourage students to think independently, be creative, and critically analyze information. It seeks to actively engage students in the process of acquiring new knowledge. Therefore, the necessity of implementing modern approaches in the education system is increasingly evident. New technologies and pedagogical methods introduce innovations into the educational process, providing students with new opportunities. The need for modern approaches in education is based on the following factors:

New Pedagogical Approaches and Methods: Traditional teaching methods are limited to merely delivering information. Modern approaches, however, foster student activity, creativity, and independent thinking abilities. Interactive and collaborative teaching methods help students gain a deeper understanding of the topics being studied and create opportunities to apply knowledge in practice.

Technologies and Digital Resources: Digital education technologies and online platforms provide students with timely and continuous access to knowledge. Interactive educational tools (multimedia, online classes, applications, and more) make the learning process engaging and effective. This increases students' self-confidence and fosters closer connections with teachers.

Student-Centered Education: Each student has unique characteristics, needs, and interests. The modern education system places the student at the center and implements teaching methods tailored to them. This approach allows students to develop their abilities to the fullest extent.

Globalization and Social Demands: In today's world, global changes and new social demands require

fresh approaches to the education system. It is essential to teach students not only technical knowledge but also social, cultural, and ethical aspects. Modern approaches in education help adapt to global demands and prepare students for a complex and ever-changing future.

Implementing modern approaches in the education system results in several positive changes:

Increased Student Engagement and Motivation: Interactive and student-centered teaching methods enhance students' interest in education. Students not only assimilate information but also learn to express their thoughts freely, seek new knowledge, and think independently.

Application of Knowledge and Skills: New pedagogical approaches enable students to apply their acquired knowledge to real-life situations. For example, collaborative teaching methods allow students to form groups, engage in practical activities, and share their knowledge with others.

Improved Quality of Education: Through innovative methods and technologies, the teaching process can become more effective. Training teachers in modern approaches enhances their pedagogical skills and improves the quality of education. This, in turn, directly impacts students' success.

Shapes New Social Values in Society: Modern approaches in the education system foster students' conscious attitudes towards global and social issues. They grow not only as individuals but also as contributors to the development of society.

Effective Use of Modern Pedagogical Technologies through Interactive Methods: Interactive teaching methods positively impact effective use of modern pedagogical technologies. They aim to encourage active student participation and create more interest and motivation in the learning process. Here are some examples of interactive teaching methods:

Small Group Collaboration: Students are divided into small groups and work together to solve a given problem or task. This method fosters communication and teamwork among students.

Problem-Based Learning: Students are presented with real-life problems and work on finding solutions. This method enhances problem-solving skills.

Long-Term Projects: Students participate in long-term projects that align with their interests and future goals. This approach fosters independent learning and creativity.

Students engage in competitive tasks to evaluate and improve their knowledge. This boosts their motivation. Creating an open discussion environment allows students to freely express their opinions, thoughts, and questions. Students articulate their views on a given topic and interact with each other. This process fosters the acceptance of different perspectives, the exchange of ideas, and the development of critical thinking skills. Providing students with the opportunity to assess their knowledge and skills helps them in self-learning and growth.

Students demonstrate real-life situations by participating in various roles, helping them apply theoretical knowledge in practice.

Interactive teaching methods ensure active student participation, making the learning process more engaging and effective. For teachers, using these methods is crucial for improving the quality of education and fostering student development.

The tasks of pedagogical technology as a science involve defining the content of education at each stage, preparing forms and tools for education and upbringing, creating situational texts and tests for curriculum content, developing a system of tasks aimed at mastering professional qualities and moral values in individuals, determining learning outcomes, and preparing tests to objectively assess achievement levels.

Pedagogical technology is evolving both as a science and as principles, methods, and approaches used in the educational process. It is based on the existing laws of the education process, the unique characteristics of our country's development, and historical progress experiences. The creation of pedagogical technology relies on principles of national and universal values, humanism, democracy, creativity, and initiative.

Conclusion

The necessity of modern approaches in the education system is growing day by day. These approaches not only transmit knowledge to students but also develop their abilities for creative thinking, independent decision-making, and social responsibility. Additionally, modern technologies and interactive methods make the learning process more effective and engaging. Moreover, the education system becomes capable of meeting new global demands and adapting to the future needs of society. Implementing modern approaches in education undoubtedly helps increase students' success in learning and equips them with stronger knowledge and skills.

References:

1. Alex More. Teaching and learning. Pedagogy. Curriculum and culture. 2004, 146 page.
2. Bentham J. Deontology // Bentham J. Deontology together with a Table of
3. the Springs of Action and the Article of Utilitarianism. – Oxford: Clarendon Press, 1983, p. 119-281.
4. Artikova, N. (2022). THE IMPORTANCE OF PIRLS RESEARCH IN INCREASING THE READING LITERACY OF PRIMARY SCHOOL STUDENTS. Журнал иностранных языков и лингвистики, 6(6), 91-98.
5. Artikova, Nargiz Shukhratovna. "Finland: The Best Education System in the World."
6. Shuxratovna, A. N. (2024). TARBIYASI OG‘IR BOLALAR BILAN ISHLASH. ОБРАЗОВАНИЕ И НАУКА В XXI ВЕКЕ, (50-1).
7. Iroda Shuhrat Qizi Pulatova Rayhona Olim Qizi Xasanova, & Nargiz Shuxratovna Artikova (2024). TA’LIMNI TASHKIL ETISH TURLARI VA SHAKLLARI. Academic research in educational sciences, 5 (CSPU Conference 1 Part 1), 162-165.