

THE ROLE OF VARIATIVE APPROACHES IN DEVELOPING STUDENTS' INDEPENDENCE IN LEARNING ACTIVITIES

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Annotation

This article analyzes the role of variational approaches in developing students' independence in their learning activities. Variational approaches provide students with a variety of teaching methods, allowing them to independently master their own knowledge. Such approaches increase students' creative thinking, problem-solving skills, and make the learning process more effective. The article reveals the importance of variational approaches in developing students' independent learning activities.

Keywords: education, variability, methodology, effectiveness, educational process, innovative methods, pedagogical views.

Introduction

Developing students' independence in their learning activities is one of the important goals of the modern education system. Independent learning and creative thinking help students to actively participate in their own learning process, consolidate and master new knowledge. Variant approaches create opportunities for students to independently acquire their own knowledge by using various methods and techniques in education. Such approaches serve to develop students' creative thinking, analytical skills, and problem-solving abilities. This analysis aims to determine the importance of variant approaches in developing students' independent learning activities.

Currently, the implementation of innovative methods in the educational process is not sufficient. The attachment of teachers to traditional pedagogical approaches and the lack of use of modern technologies prevents the adequate preparation of students. This problem creates significant difficulties in adapting students to modern social and economic conditions. To solve this problem, it is necessary to train teachers in innovative methods and familiarize them with modern technologies. Educational institutions should conduct seminars and trainings that will provide teachers with the opportunity to use modern teaching methods. In this regard, it is important to explain the importance of innovative approaches and modern technologies.

Low student motivation is a significant problem in the educational process. In the learning process, it is important not only to acquire knowledge, but also to develop one's own skills. However, many students lose interest and motivation in the learning process. This reduces the

effectiveness of teaching. To increase student motivation, teachers should make the learning process interactive and interesting, taking into account the interests of students. Methods such as gamification, project-based learning, and solving real-life problems help to engage students in the learning process.

Analysis and results

The lack of interaction and cooperation between students in the educational process limits the exchange of knowledge and mutual assistance between them. This does not prepare students to work in a team, freely express their thoughts and solve problems together. To solve this problem, teachers need to use group work methods and organize activities that stimulate interaction between students. When students work together on projects, collaborate in solving problems and exchange ideas, their interaction increases.

These problems create obstacles to the implementation of a variant-based approach in the educational process. Their solution is important for improving the quality of education and preparing students for modern social life. Improving the methodology for teaching students a variant-based approach in the educational process requires the development of approaches aimed at solving these problems and their implementation in practice. This process serves the innovative development of the education system and the successful preparation of the future generation.

The results of the study include pedagogical views and their effectiveness aimed at improving the methodology of teaching students to a variable approach in the educational process. The results of the experiments, observations and questionnaires conducted show the importance of innovative methods and individual approaches in the educational process. We will describe the results of this study in detail and show their practical and scientific significance.

As a result of the experiments, students studying with a variant approach showed higher motivation compared to traditional teaching methods. This is due to the use of methods that encourage interaction and exchange of ideas among students.

The results of the experiments showed that students who used the variation-based approach showed an increase in creative thinking skills. Students were able to use more creative approaches in the process of solving real-life problems.

The use of group work methods and interactive activities in the teaching process increased interaction between students. This served to develop a team spirit among students.

The results show that the implementation of the variant-based approach increased the effectiveness of education. Students were able to apply their knowledge in practice, which increased their level of knowledge.

Based on the research results, a number of practical recommendations for teachers were developed. They are aimed at using innovative methods, encouraging interaction, and ensuring an individual approach.

The results of the study show the importance of using modern teaching methods. Teaching students to adopt a variable approach to the educational process not only helps them to increase their knowledge, but also develops their creative thinking and problem-solving skills. This process also prepares students to actively participate in modern social life.

The development of creative thinking skills is clearly visible among students who used the variant-based approach. They were able to apply creative approaches in the process of solving real-life problems. These results show the importance of interaction and collaboration in the educational process, as students are able to find new ideas and solutions by working together. The increase in educational effectiveness was clearly demonstrated by the results obtained. Students were able to apply their knowledge in practice, which played a major role in increasing their level of knowledge. The implementation of a variant-based approach in the educational process is important in adapting students to modern social and economic conditions.

The results of the study allow us to develop practical recommendations for teachers. The educational process can be organized more effectively by using innovative methods, encouraging interaction, and ensuring an individual approach. Teachers should use their experience to improve their pedagogical approaches and make the learning process more enjoyable.

The scientific significance of this study is also of particular importance. The results obtained serve to improve the theoretical foundations of the variable-based approach and innovative methods in the educational process. This opens up new directions for scientific research and pedagogical experiments. It contributes to the innovative development of the education system by creating a scientific foundation for future generations, implementing modern educational methods.

The results obtained will allow us to develop and implement approaches aimed at improving the quality of education. Innovative methods and individual approaches will help to prepare students more effectively in the educational process.

The results of the research will serve to develop pedagogical teachings. Teachers will have the opportunity to improve their pedagogical approaches and organize the learning process more effectively.

Developing interaction and cooperation among students helps to improve their social skills, which is important in preparing students for successful social activities in the future.

The results of the study serve to improve the theoretical foundations of the variable-based approach and innovative methods in the educational process. This opens up new directions for scientific research and pedagogical experiments.

The results obtained will create a scientific foundation for future generations. The implementation of modern educational methods will contribute to the innovative development of the education system and adapt students to modern social requirements.

The results of the study show the effectiveness of the methodology for teaching students a variable approach to the educational process. The results obtained are important in improving the quality of education, improving pedagogical approaches and preparing students for modern life. This process provides an opportunity to apply innovative approaches not only for students, but also for teachers and educational institutions. Thus, the results of the study serve the development of the education system and help to successfully prepare future generations.

The results of the study demonstrate the effectiveness of the methodology of teaching students a variant approach to the educational process and its importance in improving the quality of education. The results emphasize the importance of practical approaches aimed at increasing student motivation, developing creative thinking skills, expanding interaction and cooperation, and improving educational effectiveness.

Increased student motivation is a result of the use of innovative methods in the educational process, in which the importance of interaction and exchange of ideas is emphasized. Increasing interaction between students in the educational process helps to develop their team spirit. This helps students to understand themselves and further develop their abilities.

In general, the results of the study demonstrate the effectiveness of the methodology of teaching students to a variable approach in the educational process and its importance in improving the quality of education. It plays an important role in preparing students for active participation in modern social life. Such approaches serve to prepare students for successful future activities and contribute to the development of the education system. Thus, the results of the study provide important scientific and practical guidelines for improving the educational process and preparing students through innovative approaches.

Conclusion

The role of variational approaches in developing students' independence in their learning activities is of great importance. Research shows that through the use of various methods and techniques, students' creative thinking and independent learning abilities increase significantly. Variational approaches give students the freedom to independently expand their knowledge, generate new ideas, and solve complex problems. Such approaches not only increase students' effectiveness in their learning activities, but also increase their interest in the process of self-study and development. At the same time, the wider implementation of

variational approaches in the education system will serve to further strengthen students' independent learning potential. Therefore , the effective use of these approaches will be an important factor in improving the quality of the educational process.

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