

APPLYING MODERN TEACHING METHODS IN THE LEARNING PROCESS AND INCREASING THEIR EFFECTIVENESS

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Annotation. *This article examines the role and importance of innovative teaching methods in the contemporary educational process. Theoretical and methodological foundations of innovation-based instruction, digital pedagogy, interactive learning strategies, and competence-oriented approaches are analyzed. The study highlights how innovative methods enhance learning efficiency, foster students' creativity, and build essential 21st-century skills.*

Practical recommendations for improving pedagogical effectiveness through innovation are presented.

Keywords: *innovative teaching, interactive learning, digital education, pedagogy, competence, student-centered approach, effectiveness.*

Introduction

Education has undergone significant transformation in the 21st century. Traditional teaching methods, which relied primarily on lectures, rote memorization, and teacher-centered instruction, are gradually being replaced by modern pedagogical approaches [3].

Modern education emphasizes the development of critical thinking, creativity, collaboration, and communication skills, which are essential for success in contemporary society [4].

Modern teaching methods focus on the active involvement of students in the learning process. Instead of being passive recipients of information, students participate in discussions, problem-solving activities, and collaborative learning environments [2].

In this context, the role of the teacher shifts from a knowledge transmitter to a facilitator who guides learning, encourages inquiry, and supports independent thinking [1].

Main Characteristics of Modern Teaching Methods

One of the defining features of modern education is **student-centered learning**, where learners actively construct knowledge through engagement and interaction [2]. Students are encouraged to ask questions, express their ideas, and participate in meaningful activities.

Another important aspect is **active learning**, which includes group discussions, debates, case studies, simulations, and problem-solving tasks [3]. Such approaches enhance understanding and improve knowledge retention.

The integration of **technology** plays a crucial role in modern education. Digital tools, multimedia resources, and online learning platforms make education more interactive, flexible, and accessible [4].

Furthermore, **collaborative learning** enables students to work in groups, exchange ideas, and develop teamwork skills, which are essential for real-world problem solving [3]. Modern teaching methods also emphasize higher-order thinking skills such as analysis, evaluation, and creativity [4].

Innovative Teaching Methods

Several innovative teaching methods are widely used in modern education:

- **Flipped Classroom** – students study theoretical material independently before class, while classroom time is devoted to discussion and practice [3].

- **Project-Based Learning** – focuses on solving real-world problems and developing practical skills [4].

- **Inquiry-Based Learning** – encourages students to explore knowledge through questioning and research [2].

- **Collaborative Learning** – promotes teamwork and peer learning [3].

- **Jigsaw Method** – each student becomes an expert in one part of a topic and teaches others [2].

- **Problem-Based Learning** – develops analytical thinking and independent learning skills through real-life problem solving [4].

Advantages of Modern Teaching Methods

Modern teaching methods offer numerous advantages. Firstly, they increase student motivation and engagement, as interactive activities make learning more interesting [3].

Secondly, they improve understanding and retention of knowledge through active participation [2].

Additionally, these approaches help develop essential competencies such as communication, teamwork, creativity, and critical thinking [4]. Technology integration further enhances access to learning resources and promotes digital literacy [4].

Moreover, modern methods support individualized learning by adapting instruction to students' needs and abilities [1].

Challenges in Implementation

Despite their advantages, modern teaching methods also present several challenges. One of the primary issues is the need for **teacher training**, as educators must develop new pedagogical and technological skills [4].

Another challenge is the **time required for lesson preparation**, as designing interactive and project-based activities can be time-consuming [3]. Limited access to technology remains a significant barrier in some educational contexts [4].

Furthermore, **classroom management** becomes more complex in student-centered environments, requiring teachers to adopt effective strategies to maintain engagement and discipline [1].

Conclusion

The application of modern teaching methods is essential for improving the quality of education in today's rapidly evolving world. These approaches foster active participation, collaboration, and critical thinking, preparing students for lifelong learning and professional success [4].

Although challenges exist, they can be overcome through proper planning, institutional support, and continuous professional development of teachers. Therefore, educational institutions should actively support the implementation of modern teaching methods and provide the necessary resources for their effective integration.

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