

**THE APPLICATION OF TEACHING METHODS IN THE LEARNING PROCESS  
AND THEIR IMPACT ON STUDENTS' CREATIVITY DEVELOPMENT.**

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**Abstract:** This article examines the effectiveness of the project-based learning method in enhancing students' creativity within the educational process. It explores how this method contributes to the development of creative thinking, independence, and problem-solving skills, positively influencing students' future professional activities. Special attention is given to creativity as the ability to generate new ideas and find practical solutions. The article highlights that fostering creative potential enables students to express themselves, collaborate in teams, and develop effective problem-solving strategies. Furthermore, the study addresses the role of national regulatory documents in organizing the teaching and learning process in higher education institutions, aimed at preparing future educators in line with legal and educational standards.

**Keywords:** creativity, giftedness, students' creative potential, independent thinking, project-based method, pedagogical approaches, decision-making, education system.

**TA'LIM JARAYONIDA PEDAGOGIK USULLARDAN FOYDALANISH VA  
ULARNING O'QUVCHILARNING IJODKORLIGIGA TA'SIRI.**

**Annotatsiya:** Ushbu maqolada ta'lim jarayonida loyihalash metodidan foydalanish orqali o'quvchilarning ijodkorligini rivojlantirish samaradorligi o'rganiladi. Mazkur metod qanday qilib talabalarning mustaqil fikrlash, muammolarni hal qilish ko'nikmalarini rivojlantirishi va ularning kelajakdagi kasbiy faoliyatiga ijobiy ta'sir ko'rsatishi tahlil qilinadi. Ijodkorlik — bu yangi g'oyalarni yaratish va ular uchun amaliy yechimlar topa olish qobiliyati sifatida talqin etiladi. Shuningdek, maqolada ijodiy salohiyatni rivojlantirish orqali talabalar o'zlarini erkin ifoda etish, jamoada ishlash va samarali strategiyalar ishlab chiqish imkoniyatiga ega bo'lishlari ta'kidlanadi. Bundan tashqari, pedagogik ta'lim jarayonini tashkil etishda davlatning me'yoriy hujjatlari va qonuniy talablariga muvofiq metodik yondashuvlarni qo'llash masalalari ham chuqur tahlil qilinadi.

**Kalit so'zlar:** kreativlik, iqtidor, talabalar ijodkorligi, mustaqil fikrlash, loyihalash usuli, pedagogik yondashuvlar, qaror qabul qilish, ta'lim tizimi.

**ПРИМЕНЕНИЕ ПЕДАГОГИЧЕСКИХ МЕТОДОВ В УЧЕБНОМ ПРОЦЕССЕ И ИХ  
ВОЗДЕЙСТВИЕ НА РАЗВИТИЕ КРЕАТИВНОСТИ ОБУЧАЮЩИХСЯ.**

**Аннотация:** В данной статье исследуется эффективность применения проектного метода в образовательном процессе как средства развития креативности учащихся. Рассматривается, каким образом данный метод способствует формированию творческого

мышления, самостоятельности и навыков решения проблем, что, в свою очередь, оказывает положительное влияние на будущую профессиональную деятельность студентов. Особое внимание уделяется пониманию креативности как способности генерировать новые идеи и находить их практические реализации. Отмечается, что развитие творческого потенциала способствует самовыражению, умению работать в команде и разработке эффективных стратегий решения задач. Также анализируется роль государственных нормативных документов в организации учебно-воспитательного процесса в вузах, направленного на подготовку будущих педагогов в соответствии с современными требованиями законодательства и образовательных стандартов.

**Ключевые слова:** креативность, одарённость, творческий потенциал студентов, самостоятельное мышление, метод проектирования, педагогические подходы, принятие решений, система образования.

One of the primary objectives of the modern education system is to foster students' creativity. Creativity is the ability to generate new ideas, solutions, and concepts. Project-based learning (PBL) provides opportunities for students to engage in collaboration, take initiative in solving problems, and develop innovative ideas. Taking the above into account, it is crucial to understand student creativity, which is not limited to the arts but is essential across all areas of human activity.

The newly revised Law "On Education" of the Republic of Uzbekistan outlines the key principles and legal regulations that shape the strategic development of the country's education system. According to this law, education is defined as a systematic process aimed at equipping learners with deep theoretical knowledge, professional competencies, and practical skills, while also developing their general and vocational abilities and capacities [1].

Enhancing students' creativity is now considered one of the most important features of the modern educational process. In this regard, teaching methods play a central role. Utilizing a variety of pedagogical approaches and techniques can significantly improve students' critical thinking and their ability to develop innovative solutions. This article reviews a range of academic sources and studies to explore the effects of project-based methods on student creativity.

The studies referenced in this article highlight how project-based learning can enhance students' creativity. For instance, researchers have investigated how modern technologies can be implemented by teachers to foster students' creative thinking abilities. Several significant studies have been carried out in this area.

A study conducted by renowned scholars Smith and Johnson (2018) demonstrated that the use of active learning methods significantly improved students' creativity and problem-solving skills. They emphasized the importance of group discussions and peer interaction during the problem-solving process. Similarly, research by Kahn and Roberts (2020) showed that compared to traditional teaching methods, project-based learning was more effective in promoting creative thinking among students. Their experiments illustrated how students'

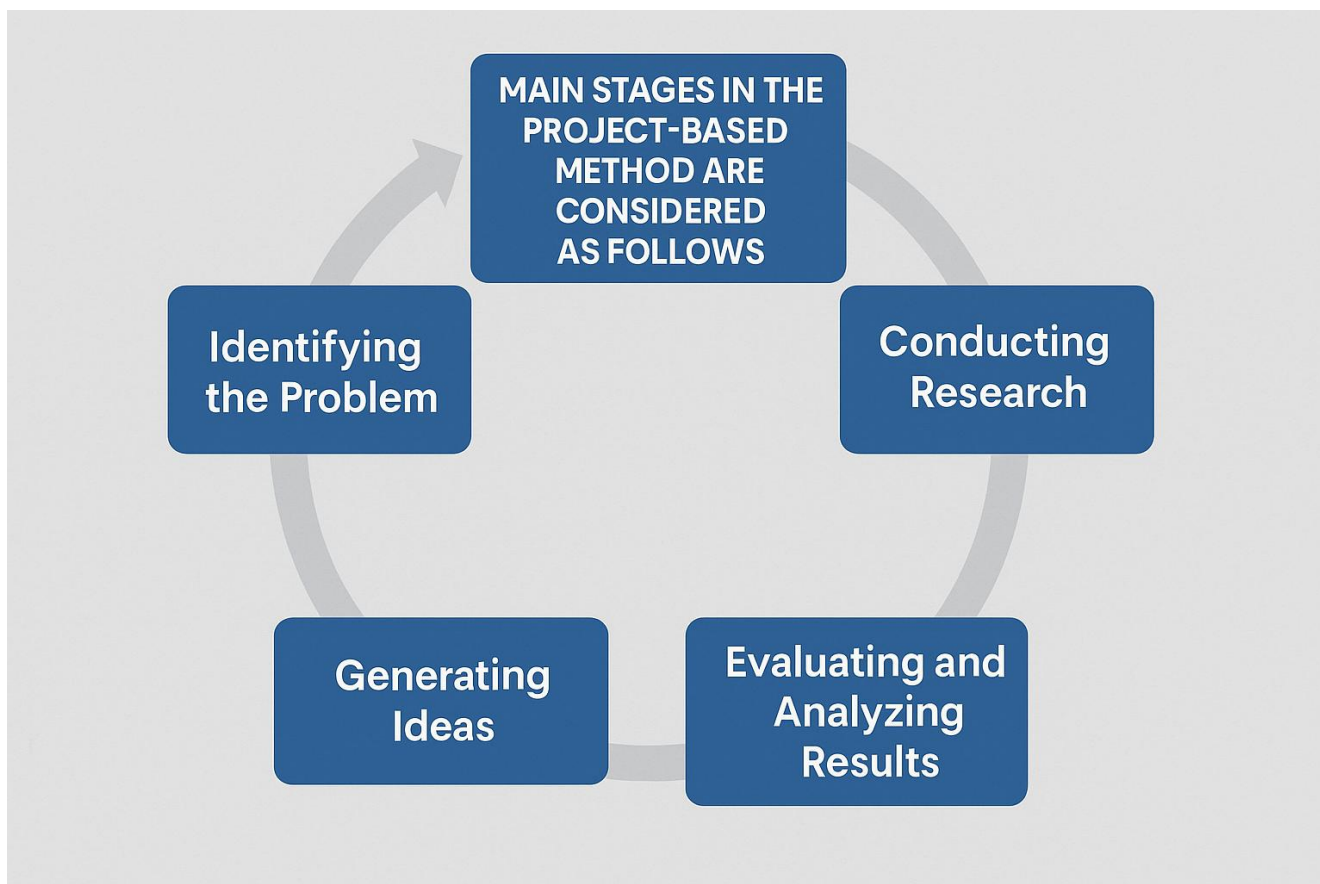
interpersonal interactions and experiences contributed to the development of creativity over time.

One of the key theoretical foundations on this topic is offered in *Creativity in Context* by Teresa M. Amabile (1996), which discusses recent developments in the social psychology of creativity. The book explores how social factors may support or inhibit creative cognitive mechanisms. Amabile emphasizes two fundamental questions essential to understanding creativity: What differentiates creative work from ordinary work? And what are the most favorable conditions for creativity—what personal traits and characteristics, or what kind of social environment? Amabile focuses particularly on the second question, aiming to establish the social psychological foundation of creativity by examining how social factors influence creative activity and how creative processes differ from routine performance. Both questions are addressed throughout the book, and its insights were incorporated into the analysis presented in this article [2]

In the process of examining how various teaching methods affect students' creativity, the following approaches were employed:

**Project-based learning** – This is an instructional method that allows students to explore and express their thoughts by solving real-world problems. The method encourages internal cognitive processes, collaborative discussion, and creative work. The key stages of project-based learning are presented in a table within the article.

The impact of this method on student creativity can be summarized as follows: Through project-based tasks, students face diverse challenges that prompt them to demonstrate their creativity in clear and practical ways.



Using This Method, Students Can Achieve the Following:

- Develop independent thinking and decision-making skills.
- Express and discuss their ideas effectively.
- Improve their ability to work in teams and influence one another.

Today, the educational reforms being implemented aim to prepare highly qualified professionals who meet the high standards of state education. These professionals should be capable of contributing creatively to the rapid development of science, technology, the arts, and industry. Therefore, it is essential to educate every student in the spirit of creativity, based on the demands of society's progress.

To shape students' technological competence through an innovative approach, one must first understand the concept of pedagogical innovation. In Western countries, pedagogical innovation processes have been studied since the late 1950s, whereas in independent Uzbekistan, they have gained attention among scholars over the past decade. In recent years, Uzbek scholars have conducted extensive research on innovation, innovative thinking, innovative activity, the innovation market, and pedagogical innovations. [4]

Abu Ali Ibn Sina (980–1037) emphasized the necessity of formal education and outlined several important aspects of effective teaching:

- Students should not be overwhelmed with books all at once;
- Education should take place in learning institutions, within a collective environment;

- Students' interests, inclinations, and abilities must be considered;
  - Physical activity should be integrated into the learning process.
- Higher education must foster individuals capable of independent thinking and responding to the demands of continuous education. Such individuals should be prepared for creative activity in their chosen field of study or specialization. They should be able to contribute to the scientific, technological, economic, social, and cultural development of the country and possess high moral and ethical values. The aim is to prepare highly qualified and competitive professionals. [3]

This paper explored the issue of developing students' professional and creative competencies, including their ability to choose a profession, understand its unique aspects, benefit from it, and approach it with creativity. Emphasis was placed on helping students apply their creativity in their future careers and develop their professional and creative skills.

Furthermore, the paper illustrated the role and application of the project-based method in enhancing students' creativity. This method introduces innovations into the educational process and encourages active student participation. It is believed that the widespread implementation of the project-based method in the education system will foster students' creativity and support their future professional success.

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