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Among the restored national values, the social movement aimed at raising the status of the Uzbek language is of particular importance. Although the Uzbek language was given the status of the state language by the decree of the President of the Republic of Uzbekistan on October 21, 1989, the significance of this decree was fully manifested during the years of independence. In particular, today, educational work in the republican system of continuous education, work in production is carried out in Uzbek. There is an opportunity to address people in Uzbek at workplaces and in public places, communicate in this language, and create works. Today, higher educational institutions have the task of promoting the possibilities of the national language among students, revealing its social significance and role in the manifestation of the national spirit, instilling in them respect for the Uzbek language, and ensuring the purity of the language.

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## INTEGRATING CREATIVITY, CRITICAL THINKING AND PROBLEM-BASED LEARNING TECHNOLOGIES IN MODERN EDUCATION

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**Abstract:** This study examines the integration of innovative technologies within the framework of Problem-Based Learning (PBL) in English language teaching. As the demand for learner-centered approaches continues to grow, the combination of technology and PBL has demonstrated considerable potential in improving student engagement, critical thinking, and communication skills. The paper reviews current practices, digital tools, and learning outcomes associated with this integration and offers recommendations for its effective application in language classrooms.

**Keywords:** Communication skills, critical thinking, methods, innovative technologies, student engagement, educational technology, digital tools, learning practices

In recent years, English language teaching (ELT) has undergone a significant shift from traditional teacher-centered methods toward more interactive and learner-centered approaches. Problem-Based Learning (PBL) represents one such approach, emphasizing student inquiry, collaboration, and the resolution of real-world problems. At the same time, rapid technological development has reshaped the educational environment by providing a wide range of digital tools and platforms that support learning. The integration of PBL with innovative technologies offers a promising strategy for enhancing ELT outcomes by encouraging active participation and deeper engagement. Higher Education Institutions play a significant role in developing competitive students and shaping the qualities of an ideal graduate.

Thinking skills are essential in the processes of problem-solving and decision-making. With a good understanding of these skills, individuals are able to express new ideas and share insights more effectively in communication. According to [1], understanding students' thinking styles helps teachers apply more effective teaching methods and design classroom activities that meet learners' needs.

In addition, thinking styles are important for generating new ideas, reducing the risk of failure, and improving problem-solving abilities. They are also important in areas such as management, teaching, and learning [2]. It is widely accepted that each individual has a unique way of thinking.

Contemporary education increasingly requires dynamic, interactive, and student-focused teaching methods [3]. In ELT, traditional grammar-translation





approaches are gradually being replaced by communicative and problem-oriented methods. PBL, in particular, fosters critical thinking, collaboration, and authentic language use by involving learners in meaningful problem-solving activities [4]. When supported by innovative technologies, PBL becomes an effective model for promoting language acquisition in interactive learning environments. This study explores the effectiveness of incorporating digital technologies into PBL to improve English teaching and learning outcomes.

**Methods:** This research adopts a qualitative approach by reviewing relevant literature and examining classroom practices in which innovative technologies are integrated into PBL in English language contexts [5]. Data were collected from academic publications, teacher reports, and case studies conducted at both secondary and tertiary education levels. Particular attention was given to the use of digital platforms such as Google Workspace, Padlet, Kahoot!, as well as language learning applications including Duolingo and Quizlet, within PBL-based English lessons.

**Results:** The findings indicate several advantages of combining innovative technologies with PBL in ELT [6]. First, student motivation increased, as interactive tools sustained learners' interest and participation. Second, collaboration improved through platforms such as Google Docs and Zoom, which enabled real-time interaction and peer feedback [7]. Third, language skills were enhanced, as multimedia-based problem-solving activities supported vocabulary development and communication. Finally, students demonstrated greater autonomy and responsibility, taking more control over their learning when engaging with real-life problems through digital tools [8]. However, the study also identified several challenges, including unequal access to technology, insufficient teacher training, and the need for curriculum adaptation to fully support technology-enhanced PBL implementation.

**Discussion:** The integration of innovative technologies into PBL provides significant benefits for English language learners, particularly in developing essential 21st-century skills. Nevertheless, its successful implementation depends on careful planning, teacher preparedness, and institutional support. Educators must possess not only technological competence but also a clear understanding of PBL pedagogy [9]. Furthermore, it is essential to align digital tools with learning objectives to ensure meaningful use of technology rather than superficial application.

The combination of PBL and innovative technologies has the potential to transform English language instruction. By emphasizing problem-solving activities and using technology as a learning medium, educators can promote deeper understanding and improved language proficiency. [10]. However, effective integration requires thoughtful design, appropriate tool selection, and inclusive practices. Continuous professional development is also necessary to enhance





teachers' confidence and reduce resistance to adopting digital tools in the classroom.

In conclusion, the integration of innovative technologies into Problem-Based Learning (PBL) provides an effective approach to improving English language teaching. This combination helps increase student engagement, develop critical thinking, and improve communication skills through active and meaningful learning. The use of digital tools also supports collaboration and encourages students to take more responsibility for their learning.

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