AI-POWERED PERSONALIZED LEARNING: ENHANCING STUDENT ENGAGEMENT AND LANGUAGE ACQUISITION IN ENGLISH CLASSROOMS

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Abstract: This article explores the pedagogical potential of artificial intelligence-driven personalized learning in enhancing student engagement and language acquisition in English language classrooms. Particular attention is given to the ways adaptive learning systems, intelligent feedback mechanisms, and AI-supported interactive activities address individual linguistic needs, learning preferences, and proficiency levels. The discussion examines how personalized instructional experiences can foster learner autonomy, strengthen communicative competence, and encourage active participation in language learning. It also considers the challenges of algorithmic dependency, unequal technological access, and the changing role of teachers in AI-integrated classrooms. The article emphasizes the importance of balancing technological innovation with meaningful human interaction to create inclusive, responsive, and pedagogically effective English learning environments.

Keywords: artificial intelligence, personalized learning, English language teaching, student engagement, language acquisition, adaptive learning, learner autonomy, intelligent feedback, communicative competence, educational technology.

INTRODUCTION

English language classrooms bring together learners with different linguistic abilities, learning speeds, and levels of motivation, making uniform teaching approaches increasingly insufficient. While some students acquire new vocabulary and grammatical structures quickly, others require additional explanation, practice, and encouragement. Artificial intelligence offers opportunities to address these differences by creating learning experiences that respond to individual progress rather than following a fixed instructional pattern. AI-powered platforms can identify linguistic weaknesses, provide immediate feedback, and generate contextually relevant activities that encourage active language use. Beyond improving grammatical accuracy, such tools may help learners develop confidence, communicative flexibility, and greater responsibility for their progress. However, personalization becomes educationally meaningful only when it stimulates independent thinking and genuine interaction rather than dependence on automated responses. This article examines how AI-supported personalized learning can strengthen student engagement and English language

acquisition, emphasizing the importance of combining technological adaptability with purposeful teaching and authentic communication.

MAIN BODY

The difficulty of teaching English to a mixed-ability classroom is not simply that students learn at different speeds. They also struggle with different aspects of the language. A learner who confidently participates in discussions may repeatedly misuse grammatical structures, while another who performs well in written exercises may hesitate to speak. AI-powered personalization offers a way to address these uneven learning patterns without reducing the entire class to a single proficiency standard. Consider a classroom activity in which students are asked to discuss whether social media improves human communication. An AI-supported system can provide simpler questions and vocabulary prompts for less confident learners while challenging advanced students to defend their arguments, recognize opposing viewpoints, and use more sophisticated expressions. Although the topic remains the same, the linguistic demands vary. This flexibility allows students to participate in a shared learning experience without being restricted by identical expectations. A particularly valuable feature of AI-assisted instruction is the possibility of revisiting language difficulties at the moment they occur. When a student repeatedly confuses conditional structures or struggles to organize an argument, an intelligent system can generate additional examples within a relevant communicative context. Instead of memorizing isolated rules, learners encounter grammatical patterns while attempting to express meaningful ideas. Such contextualized practice may strengthen retention and encourage the transfer of linguistic knowledge into spontaneous communication. Personalization also changes the relationship between mistakes and motivation. In conventional classroom discussions, some students remain silent because they fear negative evaluation. Practicing with an AI conversational partner may provide a less intimidating environment where learners can reformulate responses, request clarification, and experiment with unfamiliar expressions. Yet confidence developed through digital interaction must eventually be tested through communication with classmates and teachers, where emotional responses, cultural expectations, and conversational unpredictability become more complex. The influence of artificial intelligence on student engagement should not be confused with the novelty of technology. An interactive platform may initially attract attention without producing lasting intellectual involvement. Meaningful engagement emerges when students make decisions, question information, and recognize their own linguistic progress. For this reason, teachers might ask learners to identify weaknesses in AI-generated responses, compare

alternative interpretations, or reconstruct a dialogue using their own vocabulary. Such activities transform artificial intelligence from a source of ready-made answers into an object of critical linguistic exploration. The greatest challenge is maintaining the learner's intellectual ownership of the learning process. If automated systems continuously select vocabulary, organize arguments, and correct every sentence, students may produce polished language without developing the ability to communicate independently. Effective personalization should therefore gradually reduce technological assistance as competence increases. The ultimate measure of success is not how accurately students interact with artificial intelligence, but how confidently and appropriately they use English when that assistance is no longer available.

CONCLUSION

AI-powered personalized learning offers a meaningful shift in English language education by recognizing that linguistic development follows individual rather than uniform patterns. Its educational value lies in identifying specific learning difficulties, encouraging purposeful participation, and creating opportunities for students to experiment with language beyond conventional classroom limitations. However, technological responsiveness should not be mistaken for genuine language acquisition. Lasting progress depends on learners' ability to transform guided practice into independent communication, critical thinking, and contextual language use. When thoughtfully integrated into classroom instruction, artificial intelligence can support a more inclusive and intellectually engaging learning environment while preserving the essential role of human interaction in developing authentic communicative competence.

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