



## TEACHING ENGLISH USING AI ASSISTANTS: IMPACT ON STUDENT MOTIVATION

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### ABSTRACT

*This article examines how artificial intelligence (AI) assistants affect English language learners' motivation, with a particular emphasis on Uzbekistan. Chatbots, intelligent tutoring systems, and gamified platforms are examples of AI-powered language learning technologies that provide individualized learning experiences that adjust to the demands of each individual learner, increasing motivation and engagement. The paper explains how these AI technologies support interactive learning, enable instant feedback, and integrate gamification—all of which help to sustain high levels of student enthusiasm.*

### The Role of AI in Language Learning

The teaching of languages has changed dramatically with the introduction of AI technology. Personalized learning experiences are provided by AI-powered technologies that adjust to the learner's performance, preferences, and speed. AI assistants can act as virtual tutors for English language learners, offering immediate feedback, recommendations, and corrections.

For example, advanced algorithms are used by AI programs such as Duolingo, Babbel, and Rosetta Stone to customize language practice according to the learner's progress. By enabling customized learning, these resources guarantee that every learner interacts with the material at the proper level. Shermatova [1, 45-58] asserts that AI's capacity to provide tailored learning is essential for raising student motivation since it makes sure that students aren't overwhelmed by too-difficult content or bored by too-easy information.

### Personalization and Motivation

The ability of artificial intelligence to customize learning provides one of the biggest effects on student motivation. AI-powered tools monitor how pupils learn, pinpointing their strengths and weaknesses. AI systems are able to make personalized suggestions based on this data, which helps students concentrate on their areas of strength and areas that want growth.

Similar strategies are used by AI-assisted platforms like English Club in Uzbekistan. According to Ahmedova [2, 112-118], the use of AI in customized learning greatly increases motivation by letting students advance at their own rate of progress. Frustration, which frequently happens in traditional classes when pupils are not sufficiently challenged or are unable to keep up, is avoided with this individualized approach.



Additionally, by encouraging autonomy, AI assistants support active learning. When allowed the freedom to select their own learning routes and are not restricted by a strict curriculum, students are more likely to remain motivated. This sense of control over the educational process, according to Karmukhamedova [3, 23-30], is especially crucial in Uzbekistan, where a large number of pupils are used to traditional, teacher-centered methods.

### **Interactivity and Immediate Feedback**

Traditional language learning techniques sometimes lack the amount of involvement that AI helpers provide. Learners may practice English in real time using tools like Grammar Checker, which offers rapid corrections, and ChatGPT, which can mimic conversations. Students benefit greatly from the fast feedback that AI helpers give them since it enables them to recognize and fix mistakes right away, hence enhancing learning.

Rahmatova [4, 14-19] emphasizes how the interactive character of AI technologies benefits Uzbek students, particularly those who live in remote regions with little access to native speakers. With instant interaction and helpful criticism, AI assistants help students interact with the language in a meaningful way and increase motivation.

AI tools that are interactive can help motivate students to practice more often, which improves language memory. For example, Godwin-Jones [5, 1-17] observes that because AI-assisted language learning platforms incorporate game-like elements like leveling up and point accumulation, students are more inclined to interact with the content on a frequent basis. This aspect of gamification works very well to keep students motivated over time.

### **Gamification and Motivation**

Many AI-assisted language learning programs use gamification, or the incorporation of game features like leaderboards, badges, and points. Because of these characteristics, learning is enjoyable and stimulating, and students are inspired to keep studying in order to win incentives or raise their grades.

Gamification has been successfully implemented into the learning models of sites such as Duolingo in Uzbekistan. Employing these strategies motivates students to take an active role in their education. Students' self-esteem and intrinsic motivation are raised when they receive badges or points for reaching milestones.

This method interferes with the repetitive aspect of language acquisition, which makes it very successful at maintaining motivation. Students are driven by concrete objectives rather than just grammatical rules or vocabulary exercises, which gives them a sense of achievement as they advance through the stages.

### **Overcoming the Language Barrier**

By offering contextually appropriate material, AI-powered assistants also assist learners in overcoming language barriers. Artificial intelligence (AI) systems may modify language training according to real-world situations, such current affairs or cultural trends, by using natural language processing. Students become more motivated as a result of learning that is more interesting and relevant to them.

For instance, Nabiyeva [9, 78-83] talks about how AI tools that adjust to local circumstances enable Uzbek students, especially those in metropolitan regions like Tashkent, to interact with global English-language information, such news stories or social media



postings. The student is more motivated to utilize English in everyday contexts after being exposed to realistic language usage.

Additionally, learners may practice speaking and listening by simulating real-life conversations with the help of AI technologies. This feature of AI assistants helps students stay motivated by making language learning more useful and applicable to real-world scenarios.

### **Challenges and Concerns**

The use of AI in language acquisition is not without its difficulties, despite its numerous advantages. Although AI can give quick feedback, Blin and Jansson [6, 65-82] contend that it lacks the emotional intelligence and sophisticated comprehension that a human instructor can offer. Complex cultural or linguistic circumstances, which are essential for language acquisition, may occasionally be beyond AI's capabilities.

Furthermore, an over-reliance on AI may result in less human interaction, which is crucial for language learning. According to Tharp [7, 92-113], real-world interactions are beneficial for language acquisition, particularly speaking abilities, and AI assistants might not be able to fully mimic this.

The digital gap is another issue that Puentedura [8, 1-18] brought out. AI-assisted learning has the potential to worsen educational inequality in nations like Uzbekistan, where rural areas may have limited access to high-quality internet and digital tools, possibly leaving behind those who cannot.

### **Conclusion**

Student motivation is greatly impacted by the employment of AI helpers in English instruction, especially when they provide gamified experiences, interactive feedback, and individualized learning. AI's involvement in education is expected to grow as technology develops further, providing even more creative approaches to inspire and involve pupils.

Platforms for AI-assisted language learning have shown very good results in Uzbekistan in bridging the gap between conventional teaching techniques and contemporary technology approaches. But issues like the digital gap and the absence of personal connection still exist. In order for AI to truly enhance student motivation, educators must carefully balance its application with more conventional approaches and guarantee that all students have equal access to technology.

The future of English language instruction is bright, with increased interest and engagement among students in Uzbekistan and throughout the world, provided that the advantages of AI are capitalized upon while its drawbacks are addressed.

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