THE ROLE OF ARTIFICIAL INTELLIGENCE IN LEARNING ENGLISH

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Annotation. *This article discusses the significance of English proficiency in today's global landscape, highlighting the role of Artificial Intelligence (AI) in enhancing language learning methods. It introduces ChatGPT, a sophisticated AI developed by OpenAI, known for its ability to engage users in human-like text interactions, thereby improving understanding and retention of English language concepts. The article outlines various effective learning methods, such as interleaved practice and learning through teaching, both of which can be facilitated by ChatGPT. Additionally, it emphasizes the advantages of utilizing ChatGPT for students, including conversational practice, grammar assistance, and vocabulary expansion. By integrating AI into English language learning, the article argues for a more effective, enjoyable, and motivating educational experience.*

Key words: *Language learning, artificial intelligence, AI technologies, interactive applications, personalized learning, ChatGPT, OpenAI.*

Introduction. Proficiency in English is crucial in today's global society for international communication and its dominance in education, business, science, and technology. Over 1.5 billion people worldwide are currently learning English, making it the most widely studied language globally. English serves as the primary language for international organizations, academic publications, and technological innovation, leading to increasing demand for efficient and effective language learning methods. The advancement of Artificial Intelligence (AI) technologies has notably enhanced English language learning in recent years. AI-powered interactive

applications, voice assistants, automated translation systems, and personalized learning platforms have simplified and accelerated the learning process.

Main part. ChatGPT, developed by OpenAI, is an advanced AI program designed to understand and generate human-like text. It learns language patterns by analyzing extensive textual data from the internet, acquiring knowledge about sentence structure, vocabulary usage, and language rules—much like how children learn, but significantly faster. Moreover, ChatGPT improves through Reinforcement Learning from Human Feedback, enhancing its responses by rewarding accurate and contextually appropriate interactions. It can answer follow-up questions, modify responses based on user instructions, reject inappropriate requests, and clarify incorrect assumptions.

ChatGPT actively supports the learning process by engaging students interactively, transforming language acquisition into an enjoyable and effective experience. Such engagement motivates students, leading to improved academic performance and positive educational attitudes. Educators can leverage AI tools to facilitate and streamline learning.

Benefits of Learning with Artificial Intelligence

Educators and language institutions benefit significantly from AI integration. Large language models (LLMs) like ChatGPT enable students to efficiently absorb extensive materials, optimizing their learning experience. Effective AI-driven learning methods save time and energy, promoting quicker comprehension, better academic results, and increased student motivation.

Effective Learning Methods Supported by AI

The King of the Ring Method. The "king of the ring" or interleaved practice method alternates exercises from different topics instead of studying isolated blocks. Inspired by Muhammad Ali's varied training, this method prepares students for unexpected scenarios and enhances cognitive flexibility.

For example, math learning can involve mixing exercises such as equations (A), inequalities (B), and functions (C) in a sequence like A1, B1, C1, A2, B2, C2. This mixed approach promotes deeper cognitive engagement, enhancing

understanding and retention. ChatGPT can effectively generate interleaved practice exercises tailored to students' needs.

The Teacher Method. This method emphasizes learning through teaching. Explaining concepts to others demands thorough understanding and clear organization, reinforcing students' grasp of the material. With ChatGPT, students can practice explaining topics, respond to queries, and refine their explanations through interaction. This promotes deeper comprehension and prepares students for future teaching roles.

Learning English with ChatGPT

Students proficient in basic English can use ChatGPT to significantly enhance their language skills through:

- Conversational practice with simple prompts

- Grammar and tense practice in a safe environment

- Creative activities to boost expression and confidence

- Vocabulary expansion through interactive dictionary-like features

- Error correction for grammar, punctuation, and spelling

- Instant access to information for homework assistance and general knowledge

Advantages of Using ChatGPT in Learning

- Personalization: Tailors responses to individual learning paces and interests.

- Automation: Generates study materials like summaries, flashcards, and quizzes, saving time.

- Quick Information Access: Provides immediate and concise answers, enhancing efficiency.

- Interactivity: Engages students actively through dialogue, promoting deeper learning and retention.

Conclusion. Artificial Intelligence is revolutionizing English language teaching by providing personalized instruction, improved accessibility, and enhanced engagement. However, it is vital to thoughtfully implement AI alongside

traditional methods through blended learning, teacher training, ethical awareness, and critical thinking development. The future of English Language Teaching (ELT) lies in integrating AI with human expertise, empowering both educators and learners to achieve their highest potential.

REFERENCES:

1. Beck, I. L., Chapelle, C. (2003). English language Learning and Technology: Lectures on Applied Linguistics in the Age of Information and Communication Technology (Vol. 7). Amsterdam, Philadelphia: John Benjamins Publishing.

2. Campesato, O. (2020). Artificial Intelligence, Machine Learning, and Deep Learning. Stylus Publishing, LLC.

3. Elias, T. (2011). Universal instructional design principles for mobile learning. International Review of Research in Open and Distance Learning, 12(2), 143-156.

4. Pokrivcakova, S. (2019). Preparing teachers for the application of AI-powered technologies in foreign language education. Journal of Language and Cultural Education, 7(3), 135–153.

5. Stockwell, G., & Hubbard, P. (2013). Some Emerging Principles for Mobile-assisted Language Learning. The International Research Foundation for English Language Education, 2013, 1–15.

6. Akram o'g'li, U. U. (2024). Literary Significance of Number Archetypes. Buletin Antropologi Indonesia, 1(2), 7-7.

7. Akram o'g'li, U. U. (2024). THE IMPORTANCE OF ARCHETYPE STUDIES IN LITERATURE. XALQARO ILMIY-AMALIY KONFERENSIYALAR, 1(1), 282-286.

8. Akram o'g'li, U. U. NEGATIVE REPRESENTATION OF WHITE COLOR ARCHETYPE IN "HARRY POTTER AND THE GOBLET OF FIRE".

9. Akram o'g'li, U. U. SIGNIFICANT FEATURES OF COLOUR ARCHETYPES IN ENGLISH LITERATURE.

10. Akram o'g'li, U. U., & Sohib o'g'li, X. N. (2023). Literary analysis of the distinctive features of archetypes and metaphors. Journal of innovations in scientific and educational research, 6(3), 10-16.

11. Akram oʻgʻli, U. U., & Raximovna, S. Z. (2022). THE SYMBOL OF MIRROR IN ENGLISH CHILDREN'S LITERATURE AND ITS FANTASTIC FEATURES. Евразийский журнал академических исследований, 2(2), 70-74.

12. Akram oʻgʻli, U. U., Sohib oʻgʻli, X. N., & Oʻktamovna, Y. H. (2022). THE IMPORTANCE OF RIDDLES, PROVERBS AND TONGUE TWISTERS IN UZBEK CHILDREN'S LITERATURE. Евразийский журнал академических исследований, 2(2), 75-77.

13. Rakhimovna, S. Z., & Akram oʻgʻli, U. U. UDC: 82.091 THE DEVELOPMENT OF ENGLISH CHILDREN'S LITERATURE AND ITS REPRESENTATIVES. SCIENTIFIC REPORTS OF BUKHARA STATE UNIVERSITY, 29.

14. Sohib oʻgʻli, X. N., & Akram oʻgʻli, U. U. (2022). HISTORY OF UZBEK FOLKLORE GAMES AND THEIR PLACE IN CHILDREN'S LIVES. Евразийский журнал социальных наук, философии и культуры, 2(2), 403-408.

15. Umarov, U. (2023). ANALYSIS OF GOTHIC GENRE ELEMENTS IN THE WORKS OF ENGLISH CHILDREN'S LITERATURE. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 42(42).

16. Umarov, U. (2023). Characteristic features of hero archetype in the example of Harry Potter. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 42(42).

17. Umarov, U. (2023). PLANTS SYMBOLIZING HUMAN CHARACTER AND APPEARANCE IN THE XX TH CENTURY UZBEK POETRY. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 42(42).

18. Umarov, U. (2023). REALISM ELEMENTS IN THE NOVEL" A FAREWELL TO ARMS" BY ERNEST HEMINGWAY. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 42(42).

19. Umarov, U. (2023). THE DEVELOPMENT OF UZBEK CHILDREN'S LITERATURE AS A SPECIAL LITERATURE AND ITS FEATURES. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 42(42).

20. Umarov, U. (2023). The significant role of archetypes in children's education. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 42(42).