

PEDAGOGICAL TECHNOLOGIES THROUGH ARTIFICIAL INTELLIGENCE IN TEACHING ENGLISH

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Annotation: This article covers the introduction of artificial intelligence (SI) technologies in the teaching process of English, their didactic advantages, their impact on the activities of teachers and students, and the possibilities of their application in the modern educational process. Innovative approaches have been considered using the example of artificial intelligence – based tools-platforms such as ChatGPT, Duolingo, Grammarly, replica, Quizlet.

Introduction

In the current era of rapid globalization, mastery of foreign languages is becoming an important factor ensuring the professional success, social adaptation and active participation of each individual in cultural relations. The need for innovative approaches in the education system, in particular in teaching foreign languages, and the widespread application of digital technologies in the educational process is increasing day by day. Among such advanced technologies, artificial intelligence (AI) occupies a special place.

Artificial intelligence is a set of systems capable of modeling certain aspects of human thinking and independently processing information. Today, AI-based platforms provide learners with a personalized, flexible, interactive and environmentally friendly learning experience. In particular, in the study of English, Russian and other foreign languages, artificial intelligence systems are performing tasks such as automatically selecting tasks based on the individual needs of students and pupils, accurately assessing pronunciation, analyzing grammatical errors, and developing a culture of communication through conversation simulations.

Also, artificial intelligence not only facilitates the work of the teacher, but also serves to increase educational efficiency, turning the process of teaching a foreign language into a more interesting, motivating and active learning process. Leading educational institutions in the world, language learning platforms (Duolingo, Rosetta Stone, Memrise, etc.) and chat assistants (ChatGPT, Google Bard, Replika, etc.) are effectively using AI technologies to form new paradigms of language teaching.

Thus, the use of artificial intelligence in foreign language education is one of the current processes that is fundamentally changing the qualifications of a modern teacher, the didactic content of the lesson process, methodology and assessment system. This article analyzes the role of artificial intelligence in foreign language teaching, its advantages and practical possibilities of its application in the educational process.

In the modern educational process, English language teaching methods are undergoing significant changes. The rapid development of digital technologies, including artificial intelligence (AI) tools, is creating new opportunities for optimizing the pedagogical process, increasing efficiency, and interactively establishing communication between students and teachers. Artificial intelligence plays an important role in making the educational process person-oriented, flexible, and adapted to the individual learning pace of the student.

AI technologies are especially effective in using a communicative approach to teaching English. Because English is a language that is mastered through practical application, and a

communication-based teaching model can be organized more conveniently and effectively using AI platforms.

The role of artificial intelligence in education

Artificial intelligence-based systems have the ability to identify user needs and offer appropriate learning strategies. They perform the following didactic tasks in the educational process:

- Automatically determine the student's language level;
- Analyze and explain errors in real time;
- Create personalized exercises on language material;
- Develop speaking skills through a virtual communication environment;
- Guide the student to independent learning.

AI tools used in English teaching

A number of tools based on AI technologies are used in practice. The most effective of them are the following:

1. ChatGPT - allows you to practice written and oral communication, get grammatical and lexical explanations, and get comprehensive answers to questions.
2. Duolingo - is a learning platform based on game technologies, which encourages the student to practice regularly through motivation.
3. Grammarly – identifies grammatical, punctuation and stylistic errors in texts written in English and provides recommendations for correction.
4. Quizlet – uses a memorization system based on cards and repetition intervals to increase vocabulary.
5. Replika – works as a virtual interlocutor that helps to develop communication skills through conversation.

Advantages of AI-based teaching

The use of artificial intelligence technologies in the English language teaching process provides the following advantages:

- Creates an individual learning trajectory for each student.
- Increases the interactivity of the learning process.
- Increases the student's motivation for independent learning.
- Saves the teacher's time and reduces the methodological load.
- Increases efficiency by quickly identifying and correcting errors.

Conclusion

Artificial intelligence is a powerful pedagogical tool that complements and facilitates the work of the teacher in the process of teaching English. It helps students to independently develop their communication, listening, reading and writing skills. The effective use of AI platforms makes the educational process innovative, systematic and result-oriented.

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