

PEDAGOGICAL EFFECTIVENESS OF USING AI TOOLS (CHATGPT, CLAUDE) IN ENGLISH LANGUAGE LESSONS IN TECHNICAL SCHOOLS

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Abstract. This article analyzes the pedagogical effectiveness of using artificial intelligence-based tools, in particular the ChatGPT and Claude platforms, in English language lessons in technical schools. The study highlights the potential of AI tools to develop students' language skills, organize independent learning, increase motivation, and provide an individual approach. It also examines mechanisms for improving the quality and efficiency of education as a result of integrating these technologies into the educational process. The article analyzes the advantages of using AI tools, as well as possible problems and ways to overcome them. The results obtained are important for the modernization of English language teaching in technical schools and the improvement of digital pedagogical approaches.

Keywords: artificial intelligence, ChatGPT, Claude, English language teaching, technical school, pedagogical effectiveness, digital technologies, independent learning, communicative competence, innovative education.

Today, the use of digital technologies and artificial intelligence (AI) tools in the education system is rapidly developing. In particular, AI technologies are creating new opportunities in teaching foreign languages, helping to increase the efficiency of the educational process. One of the important tasks in teaching English in technical schools is to prepare students as specialists who meet the requirements of the modern labor market. Therefore, the use of generative artificial intelligence tools such as ChatGPT and Claude is becoming one of the current directions for improving the quality of education.

AI technologies provide students with the opportunity to create an individual learning environment, receive instant feedback, expand language practice, and learn independently. As a result, students' communicative competencies in English will further develop.

ChatGPT and Claude are modern AI platforms based on natural language processing technologies. These tools have the ability to chat with users in a way that is close to human communication, create texts, translate, analyze and answer questions.

The use of AI tools in English lessons in technical schools gives effective results in the following areas:

Development of grammatical skills;

Increasing vocabulary;

Formation of writing skills;

Development of reading and listening comprehension competencies;

Organization of oral speech practice;

Support for independent learning activities.

For example, students can write essays in English through ChatGPT, identify grammatical errors and receive recommendations for their correction. Claude helps to analyze complex texts, draw conclusions and develop critical thinking skills.

Motivation is one of the important factors in the educational process. In traditional lessons, some students may participate passively. AI tools create an interactive communication environment and increase student interest in the lesson.

In the process of communicating with ChatGPT, the student performs tasks appropriate to his level of knowledge and receives immediate feedback. This strengthens the student's self-confidence. Also, with the help of AI, it is possible to organize role-playing games, professional situations and virtual conversations. As a result, the process of learning English becomes interesting and effective.

AI tools are especially useful in professionally oriented English (ESP) classes for technical school students. For example, students studying as programmers, mechanics or economists can create English dialogues and texts related to their professional activities.

Each student has a different level of knowledge and pace of learning. Therefore, a differentiated approach is one of the important principles of modern pedagogy.

AI tools allow you to create educational materials that meet the needs of each student. For example, if a student at the elementary level is offered simple texts and exercises, then complex tasks can be developed for advanced students.

In addition, ChatGPT can act as an individual tutor and help the student 24 hours a day. The student can ask questions at any time and receive the necessary explanations. This significantly increases the effectiveness of independent learning.

Artificial intelligence tools are not limited to providing ready-made answers. They also create opportunities for students to develop critical thinking and creativity.

For example, a teacher can encourage students to analyze texts generated by AI, identify their strengths and weaknesses. Also, discussions on various topics are organized with the help of AI, and students are taught to justify their opinions.

In creative writing classes, ChatGPT helps to generate ideas for stories, essays, or projects. Students then rework these materials and create their own creative products.

Along with the advantages of AI technologies, there are also some problems.

First, students can sometimes overuse texts generated by artificial intelligence and pay less attention to independent thinking.

Second, the information provided by AI is not always complete or absolutely correct. Therefore, teacher supervision is important.

Third, the quality of technical support and the Internet is not at the same level in all educational institutions. This can limit the possibilities of using AI tools.

To overcome these problems, it is necessary to form AI literacy among teachers and students, adhere to the principles of academic honesty, and develop a culture of rational use of artificial intelligence.

The use of artificial intelligence tools such as ChatGPT and Claude in English language lessons in technical schools significantly increases educational efficiency. These technologies increase student motivation, expand individual learning opportunities, develop communicative competencies, and support independent learning. AI tools also serve to develop critical thinking, creativity, and professionally oriented language skills.

In the future, to improve English language education in technical schools, it will be important to integrate AI technologies in accordance with pedagogical goals, develop teachers' digital competencies, and develop methodologies for the effective use of artificial intelligence.

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