

INCREASING THE EFFICIENCY OF TEACHING ENGLISH TO STUDENTS BASED ON HEURISTIC TEACHING METHODS

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Аннотация. В статье речь идет об использовании эвристических методов обучения для повышения эффективности преподавания английского языка студентам непрофильного образования. Сначала были проанализированы эвристические методы обучения, выбраны методы, подходящие для изучаемой информации, и описана их реализация.

Ключевые слова. интерактивный метод, технология, эвристика, современный, научная область, самостоятельный, английский язык,.

Annotation. The article deals with the use of heuristic teaching methods to increase the effectiveness of teaching English to students of non-specialist education. First, heuristic education methods were analyzed, methods suitable for the information being taught were selected and their implementation was described.

Keywords. interactive method, technology, heuristic, modern, scientific field, independent, English language, gadgets.

Introduction. In our current developing century, significant attention is paid to the student and his personality, capabilities and abilities, as well as to his unique inner world. Therefore, the main goal of the teacher of the developing era is to fulfill the requirements of the educational activity and his own personal development by selecting and implementing methods, techniques and forms of meaningful organization of the lesson, which adequately correspond to the established goal of the educational activity and his own personal development. In recent years, the issue of using artificial intelligence, along with modern information technologies, in the educational sphere has been increasingly raised. This not only increases the demand for modern gadgets, but also causes a decrease in student interest. At such a time, teachers of the modern era should develop new forms of teaching and improve their methods, increase the interest of students using new technologies, and take a special approach to the educational process. The main goal of learning foreign languages is to further increase students' interest in learning languages by forming and developing communicative competence and culture, and to teach them how to use the new language they are learning in practice.

One of the main tasks of the teacher is to create conditions for each student to easily master the language, to choose useful teaching methods that will help each student to demonstrate their activity and creativity. Another important task of the teacher is to develop the student's level of knowledge in the process of teaching foreign languages. In addition, collaborative learning, that is, teamwork, innovative approaches, and the rational use of modern information technologies, such as Internet resources, help to implement an individualized approach in the learning process. It ensures the effective organization of teaching based on the talents and abilities of students and their level of learning. By using interactive technologies with the help of a computer in the process of learning foreign languages, we achieve the following: learning vocabulary; practicing pronunciation; teaching words through writing techniques; Developing small texts by studying grammatical rules, using internet resources correctly. Especially by knowing English, you can find a lot of information, and at the same time, media literacy is also increased in students by studying international information and news and translating them.

In our developing century, the Internet creates conditions for students and teachers anywhere in the world to quickly obtain any necessary information and communicate with people: various new interactive methods, educational news, innovative news, achievements and inventions of young people, scientific and popular articles from newspapers and magazines, etc.

To provide quality education, a teacher is required to take more responsibility, work on himself, search for new knowledge and improve his pedagogical skills. Only a teacher with high scientific potential and pedagogical skills can effectively convey the content of the subject to students by skillfully delivering it to them. Depending on the goals and objectives of the subject, he can choose teaching methods and use the necessary resources in their place. Organizing lessons with the correct use of interactive technologies increases students' interest, increases their motivation and provides a basis for better learning of the subject.

Analysis of the literature on the topic.

Various approaches to heuristic teaching are reflected in the works of Plato, Archimedes, R. Descartes, A. Poincaré, Ya. A. Comenius, J. Dewey and others. Since the second half of the 20th century, scientists such as Yu. K. Kulyutkin, O. K. Tikhomirov, I. Muller, P. Ya. Galperin, S. O. Gruzenberg, I. M. Roset, Ya. A. Ponomaryov, V. N. Pushkin, G. S. Altshuller, J. Hadamard have been engaged in the issues of heuristics.

Heuristic methods were systematized by the Russian scientist V. I. Andreev, the principles and rules of their application were studied. The foundations of heuristic teaching developed by V. I. Andreev were tested in the process of teaching physics.

A.V. Khutorskoy continued these studies, proposed a system for applying heuristic teaching methods to all subjects, and developed the foundations of the theory of heuristic teaching - didactic heuristics [1]. The article addresses the problem of increasing the effectiveness of teaching English to students of non-specialized education using heuristic teaching methods.

Research methodology.

In order to successfully implement the goals and objectives of education, tools such as computers, gadgets, as well as artificial intelligence, are used. The appropriate choice of teaching method depends on the goals and objectives of education. Methods are selected depending on the age and level of knowledge of students, the content and direction of education. However, there are methods that do not differ in the field of education. By using such methods, interest in science can also be increased. It is through the use of interactive methods that we increase interest in the English language.

Interactive method - serves to develop students' knowledge, mastery, and personal qualities by increasing the activity between students and the teacher in the educational process. The use of interactive methods helps to increase the effectiveness of the lesson. The main criteria of interactive education are: informal discussions, the possibility of free presentation and expression of educational material, a small number of lectures, but a large number of seminars, creating opportunities for students to take the initiative, giving assignments to work in small groups, large groups, class teams, performing written work and other methods, which are of particular importance in increasing the effectiveness of educational work [1]. There are many types of interactive methods, which are selected appropriately based on the topic and object of the lesson and prepared in a specific way. One of such methods is the "Heuristic Learning Method".

The word "heuristics" comes from ancient Greek and means "I seek", "I discover". When using this teaching method, each subject teacher is required to come up with questions using new knowledge and skills using various means. The teacher tells the students one part of the answer to the question in the assignment, and leaves the rest to the students themselves, trying to increase their creativity, thereby encouraging them to master the subject more deeply. Basically, the use of this method in exact sciences is considered even more effective.

Mathematicians were among the first to introduce this method to students. It was often preferred to use it in the form of "mathematical art of solving" methods. Later, there were attempts to use it as advanced, universal methods in the process of teaching other subjects.

This problem was dealt with in his time by the philosopher-soldier, Greek mathematician Papias Alexandriysky, and later by the French philosopher and mathematician R. Dexter, and they came to the conclusion that heuristic methods are a universal method.

Jan Amos Comenius advocated the need to introduce it into the education system as an advanced method.

He defines the heuristic method as being used in the educational process, and as being based on a person's thinking and creative thinking, a person who creates various innovations is brought up.

Russian pedagogue P.K. Konterev put forward the idea that the widespread use of heuristic teaching methods in public schools creates the basis for the formation of a creative thinking personality. The widespread use of the heuristic teaching method began to come to us in the second half of the 20th century. Especially since the educational process itself has become increasingly popular due to the introduction of cybernetics, scientific research, creativity, and the creation of innovations, it requires its widespread use in the educational process [2].

In teaching English, we use the heuristic teaching method to make the subject more interesting and easier. In turn, the heuristic teaching method is also divided into several types, of which we will consider the "Heuristic Questions Method".

The "Heuristic Questions" Method. In this method, in order to collect information about the selected topic or subject, it is required to formulate questions based on 7 basic interrogative words [1].

Questions	answers
Who?	
What?	
Where?	
When?	
How?	
How often?	
Why?	

In there, it is required to find answers to the questions posed. In this process, new questions such as

“When and How?”,

“Who and When?”,

“Who and Why?”

arise. The most original, unique questions and clear answers are highly valued. The goal is to delve deeply into the essence of the object being studied, to improve the analytical and logical thinking skills of students [1].

Students are given tasks in this way: for example, to formulate questions in English on the topic “YOUR PROFESSION IN THE FUTURE”.

Conclusions and suggestions.

In conclusion, interactive technologies, computers, the Internet and gadgets, allow students to easily and clearly study topics and thereby acquire the ability to extract the information they need. The possibilities of educational activities are also expanding noticeably. As a result of the use of interactive methods, students receive information from newspapers, magazines, international articles and websites, and language also plays a significant role in integrating the information they find. As a result of translating international articles into our language using a foreign language, they jointly test the information. The heuristic method gives positive results in the process of learning foreign languages. The priority and novelty of this interactive method is to focus on the student's personality and level of knowledge with the help of a teacher. The teacher, that is, the pedagogue, in turn, is the person responsible for the process and results of the student's learning. The above method leads to the gradual formation of students' skills in independently mastering information. In general, the heuristic method contributes to the development of the student's interest in language learning.

Referances.

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2.Evristik metod haqida Triz metodi haqida tushincha

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