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Theoretical foundations of developing skills of future engineers in teaching the science of electrical, electronic systems and hydraulic equipment of machines to students of technical higher education institutions.

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Annotation: In this article, the issues that are important in determining the priorities of the systematic reform of education in our country, and in raising the spiritual, moral and intellectual development of future specialists to a new level in terms of quality have been considered.

Key words. Education, method, interactive, expert, student, knowledge. skill, domino, card, teacher, group, whole.

One of the most optimal and effective ways to increase the effectiveness of education in today's fast-paced world is to increase the quality of education and interest the audience in the field by organizing training sessions using interactive methods.
The concept of "interactive" is derived from the English word "interact" (in Russian "interactive"), from the lexical point of view "inter" - mutually, bilaterally, "act" - act, work means like rmoq.
From a logical point of view, interactivity is, first of all, an action of social subjects based on conversation (dialogue), mutual cooperation, and represents their activities. Every specialist working in the field of education knows well that traditional education is also based on conversation (dialogue). In traditional education, information is naturally the basis of conversation. But the main source of information transfer is the teacher's experience, in this process he takes the lead, that is, he tries to deliver the main knowledge of the training session to the listeners in the form of oral communication [2]. Activism is only for the teacher, and the audience becomes passive listeners in this situation.
Their main task is to listen to the teacher, write in necessary places, answer questions, and speak in rare cases (only when allowed). At first glance, the reception of the information transmitted by the teacher creates the impression that the group of students (community) creates an opportunity to acquire knowledge.
But education is the realization of the goal in education and the achievement of a guaranteed result. directly related [3].
The "Domino" method is similar to the game of dominoes, and students have to collect the domino cards given by the teacher in a closed chain (Fig. 1)

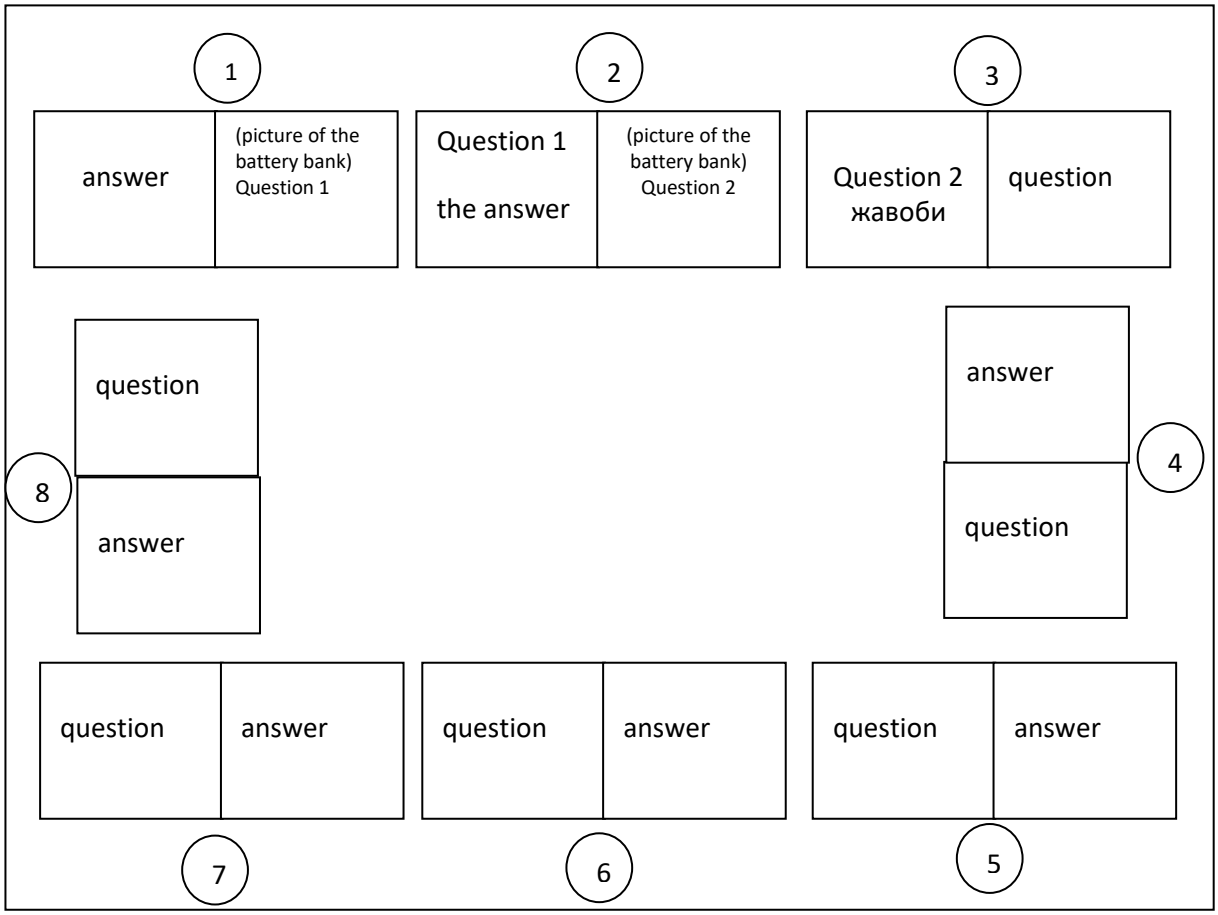


Figure 1. 8-card domino stacking pattern.

As an example, let's consider the application of structured cards on the topic of "Starter batteries" of the subject "Electrical, electronic systems and hydraulic devices of machines" of the department of electrical, electronic systems of machines in the "Domino" method. For this, a larger topic or section of the subject after the end, the most important information about these topics will be compiled as a card. It is recommended to prepare the number of cards in 8, 10, 12, 16 and 20, because the number of cards is even, and of course, at the end of the game, the cards will be completely collected it must be in a complete (one-whole) state. If the domino cards are not even, there may be problems in collecting them, the main thing is that they cannot be completely collected. The first correctly collected a student or group wins

and is encouraged if at the end of the game all domino cards are not collected, the game is considered incomplete.The game continues until all domino cards are collected.Domino cards are divided into two parts like dominoes [4] (Fig. 2).

The answer to the question asked on another card is written on the left part of the card, and the question of the answer given on the other card is written on the right part. Taking into account that the topics are explained with a lot of drawings and pictures, we present pictures as questions on the cards. For example, when the topic "Types and classification of batteries" is finished, cards with pictures of types of batteries are asked to reinforce it. In this case, on the right side of the card, "What kind of battery is this?" question and a picture of that battery, and the answer (name) of another type of battery is placed in the left column (see Figure 3).

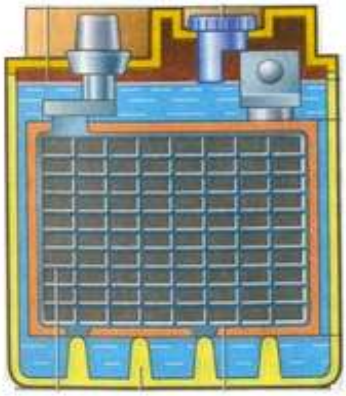
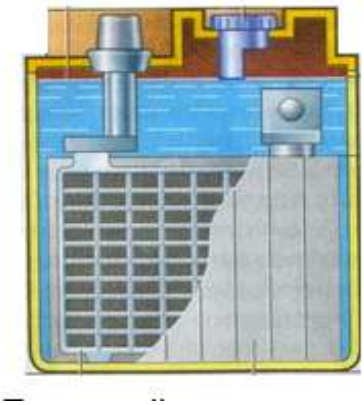
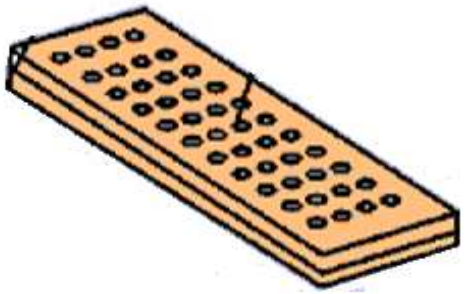
A battery pack used in vehicles in the cold arctic and remote areas	 What kind of battery is this

Figure 2. An example of a domino card set on the topic of starter batteries

In these batteries, the positive and negative plate grids lead-kaltspy to burn using the kal ay script, the amount of calcium in it 0.07...0.1%, and the rest 0.1...0.12% was in the circle, and the rest was lead.	 What kind of battery is this

In the process of measuring the electrolyte level or density, plates and upper part of the separator in order to prevent decay they are acid resistant a protective barrier made of plastic	 What kind of battery is this

A cap made of ebonite or plastic is used to fill the battery with electrolyte, distilled water, and measure the level and density of the electrolyte.	 What is it and how performs the task

A separator is installed between different polar plates in order to prevent short circuit between them	 What is it and how performs the task

During the application of the method, the teacher divides the students into groups and places them, and then distributes a set of previously prepared cards to the groups. Set aside a certain amount of time to collect the cards, and when the time is up, check whether the cards have been collected correctly or incorrectly. The groups that have

done it correctly are encouraged. The teacher collects the cards on the blackboard for groups and all students who did not collect the cards correctly at the specified time.
At the end of the lesson, opinions on the subject and positive results of the pedagogical technology will be heard and discussed.
The advantage of the method is that the students get a better understanding of the subject. All students in the audience are involved in this process, as a result of which it is easier for students to master complex topics in technical sciences. The interest of students in science and the quality of education will also increase.

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