

Teaching The Module "Pkt-2 Machine" On The Basis Of Interactive Methods

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Abstract: This article considers questions of scientific-pedagogical foundation of modular yeduction, its application and yefficiency, also organizing and providing classes according to the module "General structure of PKT-2".

Key words: Military yeduction, interactive methods, brain storm, cluster, blitz-quiz lecture text, classes, nonstandard tests.

One of the factors determining the development of the country is the education system. In the era of globalization today, the rational use of modern methods of teaching remains one of the pressing issues that increase the quality of Education. It is not new that the rational use of modern educational methods of teaching ensures high efficiency in the educational process. However, the choice of educational methods and their application, depending on the didactic task of each training, will be desirable.

In this case, it is necessary to use the traditional form of lessons, enriching it with methods that activate the activities of different district learners is obliged to lead to an increase in the level of assimilation of learners. To do this, it is possible to achieve high efficiency through the rational organization of training, the interest of those educated by the educator, the choice of methods and tools in accordance with the content of the educational information being studied. It is known that it will be effective to develop the level of assimilation of learners, practical skills and qualifications through interactive educational methods.

Below we will consider the pros of interactive methods.

Interactive methods - activates learners and encourages independent thinking, are methods that serve to achieve high efficiency in the educational process in the collaboration of a cadet-cadet, a cadet-teacher. With such methods, the educator creates a desire to actively participate in the education recipient. The learner is actively involved in the learning process. Useful aspects of training organized on the basis of interactive educational methods include:

- high-performance education;
- high level of stimulation of the learner;
- consideration of previously acquired knowledge;
- support of initiative and responsibility of the learner;
- learning by performing in practice;

-the creation of conditions for bi-partisan controversy.

In training, the methods of “Mental attack” and “Blis-survey” reciprocal education are widely used and pay off.

The main task of the cluster graphic organizer directs the activity of cadets to assimilate the studied object into parts, forming in them the skills of identifying the internal and external links of information and phenomena on the basis of multi-variability, helping to liberate information feedback.

3. Use cadets to use the cluster graphics organizer...It is required to divide into small groups of 5 people. Each group develops individual elements of the information. To do this, the audience should have enough textbooks, tutorials and other sources of information.

The stages of cluster construction can be implemented for our example as follows:

1. The class Writing Board is broken into pieces by the number of small groups, and the “keys” can be written by the teacher, and in some cases by the students.
2. Thoughts on the information elements of the subject are written, expressed in a clear verb.
3. The connection between the basic concept and ideas is shown in the drawing.
4. All students in small groups write their options in their notebooks.
5. The “genealogy” of opinions is summarized and the final conclusions are recorded.
6. The teacher monitors and correctly evaluates the activities of the participants of the group.

Method of organizing and conducting training on the module ” general structure of the PKT-2 machine”

A training session is planned, organized and conducted on the specificity of the requirements for specialists trained in military educational institutions and the nature of the military profession, the content and goals of each Subject, subject of training.

The process of composing a lecture text is a creative process. It should be noted that in the development of the text of the lecture, the choice of methods for mastering the information being studied – comes first, and then it is necessary to strengthen, develop other fragments of it, follow independent work and other methods.

The lecture provides for the procedure and sequence, place and duration of the communication of educational information, the issuance of new theoretical knowledge according to the purpose of the lecture, the repetition, strengthening and development of existing knowledge.

In the process of preparing the text of the lecture, the inextricable relationship of this topic with the topics covered and further held, its role and logical duration, the educational goals of the training, the content of educational questions, the teaching method, the requirements of management documents, visual weapons,

advanced experiments and today are clarified by examples of the topic (achievements of Science and technology).

When composing the text of the lecture, it is important to also formulate the interests of cadets in the subject or science studied by increasing their interest in the military profession, and has a positive effect on cadets. At this point, it is also revealed to associate the new training data given with the information provided before and the logical continuation, its role in the acquisition of military specialties, prospects.

The preparation of the text of the lecture begins with clarification of information related to it (topic of the lecture, educational questions, their main content, allotted time, etc.). The next work to be done will determine the place and connection of the topic of the lecture between the mentioned and the next topic, its connection with other subjects in the training of a military specialist, educational and educational goals, and will be supplemented with examples such as the content of the lecture, the definition of teaching methods, such as science, technical achievements, advanced

Then a plan is drawn up for the development of the text of the lecture, and the following questions are planned in it:

- study of regulatory legal documents, educational literature and other resources on the topic;

- to put the data obtained as a result of the study into a system on the topic questions and set the size;

- preparation of the text of the lecture;

- discussion of the draft text of the lecture at the general meeting of the department, re-elaboration on the basis of the recommendations and amendments made (if there are such recommendations and amendments);

- formalization and approval of the text of the lecture based on the established requirements;

- practice lecturing, etc.

Lecture text: the introductory part, the content of educational questions will consist of the main part and the final part.

The size of the text of the lecture can vary. Because when composing the text of the lecture:

- the teacher has the level of his training, the role of the subject in the study of Science and the content of educational questions;

- the scope of new information to be conveyed and the requirements of regulatory legal acts, the ability of cadets attending the lecture to master the information provided;

- interweaving text with previous and subsequent topics, logical consistency, time allotted for the fact that the necessary information is recorded by cadets;

- the enrichment of the text with the latest achievements in science, technology and military work is taken into account. After clarifying all the above and other

issues, the text of the lecture is determined and compiled by the developer of its total volume.

In order for the text of the lecture to be easy for cadets to master, the preparation of presentations, the use of educational film, schema and visual weapons will give a big positive result and increase the effectiveness of the lecture.

During the study of the training questions, the teacher should achieve knowledge of the PKT-2 mechanism, its function, structure, application and types of maintenance for it, as well as the procedure for following safety measures in the implementation of work with engineering techniques.

Let's consider the training using logical questions, wise sayings of great commanders and allomas, experiments related to the use of road-making machines in World War II and armed conflicts, interpretive slides, as well as interactive methods and technologies of training.

The following interactive teaching methods are used in the lecture session:

1) in the introductory part of the training: will use the method of "Mental attack".

The content of the assignment was "how important do you think learning of road-making machines is now?"

2) it is also possible to use the "B /B /B" method in order to determine what information cadets know and want to know about road-making machines.

3) it will be effective to use the "cluster" method in order to explain to cadets the general structure of the PKT-2 machine.

In the workshop sessions, it is advisable to use the following interactive techniques.

The map for organizing lecture sessions is as follows

Time: 2 hours	Number of cadets: no more than 100
Form and type of training	Informational lecture
Ma'ruza rejasi	1. Road preparation machines and their types. 2. Function and application of PKT-2 road preparation machine. 3. Purpose, structure and main parts of the PKT-2 road preparation machine.
Purpose of the training: formation of knowledge on the task, structure, application and maintenance of the PKT-2 road preparation machine.	

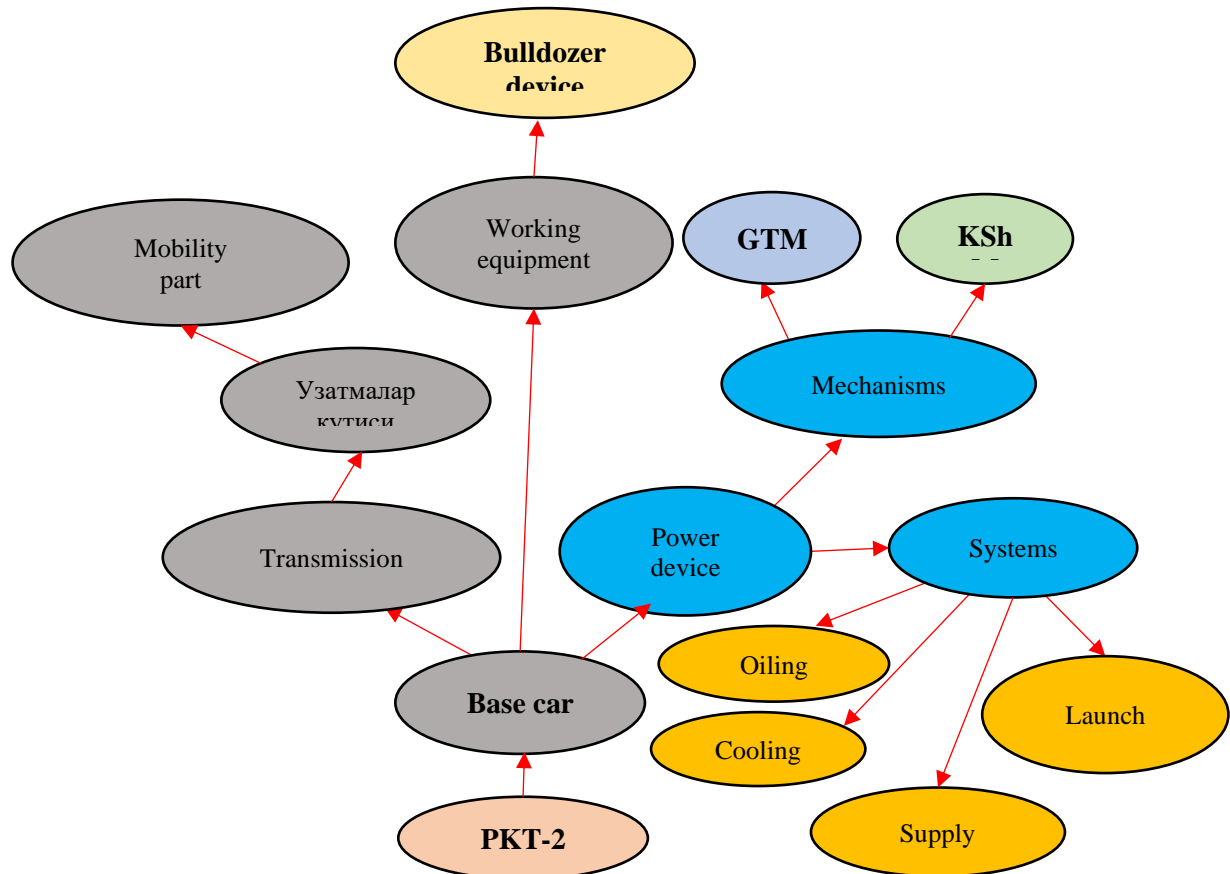
Pedagogical tasks: <ul style="list-style-type: none"> - introduction of road preparation machines with types; - Provide information about the function and application of PKT-2 machine; - Explanation of the structure of the KZKT-538DP base of the PKT-2 machine; -Introduction of the power supply of the PKT-2 machine. 	Results of educational activities: <ul style="list-style-type: none"> - road preparation shows the types of machines; - describe working equipment; -they tell tactical-technical data; -They tell the structure of the base machine, the principle of operation of the power source, mechanisms and systems of the PKT-2 machine.
Teaching methods	Mental attack, Bliss request and cluster.
Form of Organization of educational activities	Public
Teaching tools	Lecture text, writing board, projector, slides.
Training conditions	Audience adapted to work with educational technical means
Methods and means of Return communication	Verbal control: question and answer.

The "bliss-request" method (Eng. "Bliss" is a fast, instantaneous) method that assumes that the questions asked are answered in a short, clear and concise manner. The teacher asks questions. Responses can be returned in a collective, group, paired, or individual manner. When working in a group and a pair, one cadet, and in many cases, each question is answered individually by a cadet, with the groupmates or partner completing the answer. Thoughts should not be repeated, answers should not be commented on. On the basis of the basic concepts of each question, a concise, clear answer is returned.

Bliss-query questions and answers on the topic "structure and application of the PKT-2 machine":

BLISS MAY MEAN	
1. What is the PKT-2 engineering machine for?	Preparation of military and column roads in the Battle of Pankoshin
2. How is the PKT-2 engineering machine configured?	Kzkt-538dp base machine and bulldozer device
3. How is the kzkt-538DP shatagi configured?	From body, rama, power source, actuator, transmission, cabin steering, brakes and electric motors

4. What mechanisms does the engine of the kzk-538dp shatag consist of?	Krivoship-from automatic and gas distribution mechanisms
5. . What systems does the engine of the kzk-538dp shatag consist of?	Cooling, lubrication, maintenance and commissioning



On the basis of the cluster graph organizer, the content of the basic concepts on the module “structure of the PKT-2 machine” can be linked together.

A cluster graphic organizer is a well-thought-out strategy that can be used with cadets in individual, group-based activities. Clusters provide an opportunity to generalize the ideas put forward, to find connections between them.

When using a graphic organizer, the following conditions are required:

Whatever you think, write it down on paper!

Just write down, not thinking about the quality of your opinion!

Ignore spelling mistakes or other aspects of your writing!

Don't stop writing until the specified time has come to an end!

If you can't think for a certain period of time, then start drawing a picture of something on paper!

Continue this movement until a new idea is born!

Within the framework of a certain concept, show the development of as many new ideas as possible, the interaction between them, the connection!

Completing assignments is completed.

The discussion process is organized, the educational activities of cadets and groups are analyzed and evaluated.

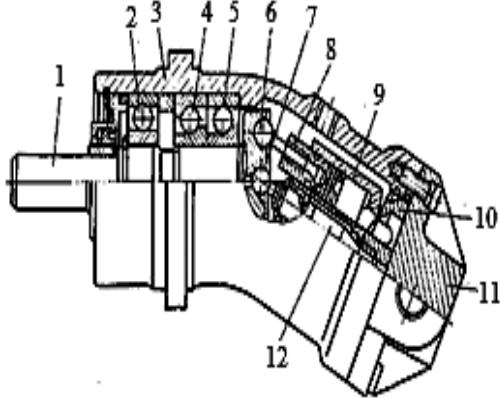
A general conclusion is reached and concluded on the exercise.

When controlling the knowledge and achievement of the educational goal of cadets, it is advisable to determine the degree of their mastery of information and information on a particular topic. To do this, it will be necessary for the cadet to identify objects on the subject, give them a definition, process information, state his opinion, explain the essence of a particular process, object or event, distinguish the specifics of this process, object or event.

These points cannot be made with a standard training and test assignment, knowing when determining the level of achievement of the educational goal, it is recommended to use the following Illustrated and multi-answer non-standard tests.

These test tasks make it possible to correctly carry out the process of controlling and evaluating the skills of learners to identify familiar, specific features of not only their knowledge, but also the object and its parts.

Determine the numbers corresponding to the parts of the HydroMassage given in the figure:

	Parts of the softener	Numbers
	Central flange	2,4,5
	Bearings	1
	Distributor	9
	Cylinder block	10
	Porshen	7
	puck	8
	Connecting rod	3
	Body	6
	Scopula	11
	Val	12

Conclusions and recommendations 1. The development of experience in the formation of certain knowledge, skills and competencies on the basis of the supply of specific theoretical knowledge to cadets between short periods of time is the duty of the period.

2. The module" structure of the PKT-2 machine " increases the effectiveness of the use of interactive methods and other innovative educational technologies in training sessions.

3. Higher education, as well as the nationwide introduction of innovative ideas, methods and tools used in the educational process in military educational institutions, improve the quality of Education.

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