



Teaching Currently Using Interactive Methods in Problem "Probability Theory and Mathematical Statistics"

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ABSTRACT

In this article we will get acquainted with the interactive methods of conducting lectures and practical classes on the subject "Probability Theory and Mathematical Statistics", which is used in higher education.

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INTRODUCTION. One of the main tasks of interactive methods is the constant interaction of the teacher with the student. 1.Sinkway (5 lines of poetry)

The Syncope (5-line poem) method teaches the reader to express his or her opinion about a topic or information learned in a concise and concise manner. Of course, a sync way composed in the mathematical sciences would not be a full-blooded 5-line poem. However, the rule of writing such poems comes true in the comprehensive description of various concepts from the science of mathematics. Sync way consists of 5 lines, the lines of which are written according to the following rule.

Row 1: The main bit key word that expresses the content of the poem.

Row 2: The qualities that characterize this concept.

Row 3: These are just a few of the verbs that represent the action effect of a concept.

Line 4: A few words of expression of the syncvein writer's attitude to this concept.

Row 5: Imagination, analogy related to this concept.

For example.

Here are some examples from syncopation written by teachers to assess students 'knowledge in midterm classes.

I. -Event

- random, inevitable, impossible, happens together, happens freely, -experiments are conducted on them, -test.

II. - probability,

- classical, geometric, statistical, may or may not occur - the extent to which the experiment is carried out. -percent.

III. -Laplace function

-integral

In large n, at least k occurs no more than l times.

-is performed in unrelated events.

-Laplace's local theorem exists.

2. Cluster (concept link)

A cluster is a group of several homogeneous elements with specific properties into a single independent object according to their common properties.

The cluster method consists of a visual, schematic representation of learning materials, which helps to get an idea of the concepts being studied, to understand them, and to clearly describe their components and interrelationships. In this way, this method also helps to develop memory and self-assessment of the student's own knowledge.

There are 4 stages of the cluster method, which are used in the lesson based on the following algorithm:

Step 1 - Write the concept or idea of the lesson content on the board or whiteboard.

Step 2-Students write down everything they know and remember about this word (concept). The result is a word or phrase that goes in all directions from the center, describing the various concepts, ideas, and facts associated with the subject. Everything students say is written on the board without being dropped.

Step 3 - What is written on the board is brought into one system. Based on the teaching material provided by the teacher, what is written is analyzed and an attempt is made to bring it into a system. Scattered sentences are merged, and misspelled ones are deleted.

Step 4 - Written concepts are connected to the root word depending on how they are related to each other. They will be first-rate related records. In turn, there may also be secondary records associated with these records. They are connected not with the root word, but with the concept with which it is written, and so on.

The result is a schema associated with the root word. This diagram will help you better understand the topic.

The implementation of the Law on Education and the National Training Program is inextricably linked with the technologicalization of the educational process. Well-known scientists R. Hamdamov, U. Begimkulov, N. Taylakov noted

that multimedia technology is one of the main directions of modern information technology. As you know, the main components of information technology are text, tables, graphics, images, audio and video. In practical work, the above components are used.

In addition to the above components, multimedia technology involves animation, music, and various decorations, and they distinguish multimedia technology from information technology. Therefore, we can consider the rapidly developing multimedia technology as a key area of information technology.

Multimedia as an independent field was founded in the early 1990s in the United States. That same year, 10 multimedia programs were recorded on CDs, and the number has since grown.

Multimedia (Latin - plural and - mediator) - a computer device that allows you to work with text, graphics, audio and video data. A computer with such a device is called a multimedia computer. Today, almost all computers are equipped with multimedia devices. These include SE-KOM, SE-K \ U CD players, sound cards, video cards, and more. Recently, graphics accelerators and large-capacity universal CDs have been added to the standard of multimedia devices.

Advanced pedagogical technology is a process of teaching that is focused on the learner for a certain period of time, using active methods and modern teaching aids to ensure the achievement of learning objectives.

Educational technology means looking at the quality of the system in the teaching and learning process. Therefore, it is first necessary to understand the concept of the system. A system is a collection of elements that are organized, interconnected, and together perform a common function. In our country, a number of practical measures are being taken to effectively use modern types of textbooks and information technology in the education system, to bring them to the level of world standards in the education system. One of the modern types of textbooks is the introduction of electronic textbooks in the education system. There is a slowdown in the practical work on the introduction of modern electronic literature in the education system. The main reason for this process is the methodology of creating e-learning literature,

its structure, the lack of a clear system of constituents.

In short, if information technology, which has entered all aspects of our lives today, is used in elementary school math lessons, the teacher will not only increase students' interest in mathematics, but also achieve interdisciplinary integration.

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