

**EFFECTIVENESS OF USING INTERACTIVE METHODS IN
TEACHING NATURAL SCIENCES IN PRIMARY CLASSES**

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ABSTRACT	KEYWORDS
In this article, focusing on the goals of teaching natural sciences in elementary grades and the possibilities of using interactive methods in their effective organization, the methods of "Organizer", "Tour through the gallery", "3X2", "Creative work" are discussed in the lesson. ways to stay are indicated.	natural science, national program, interactive methods, "Organizer", "Travel through the gallery", "3X2", "Creative work" methods.

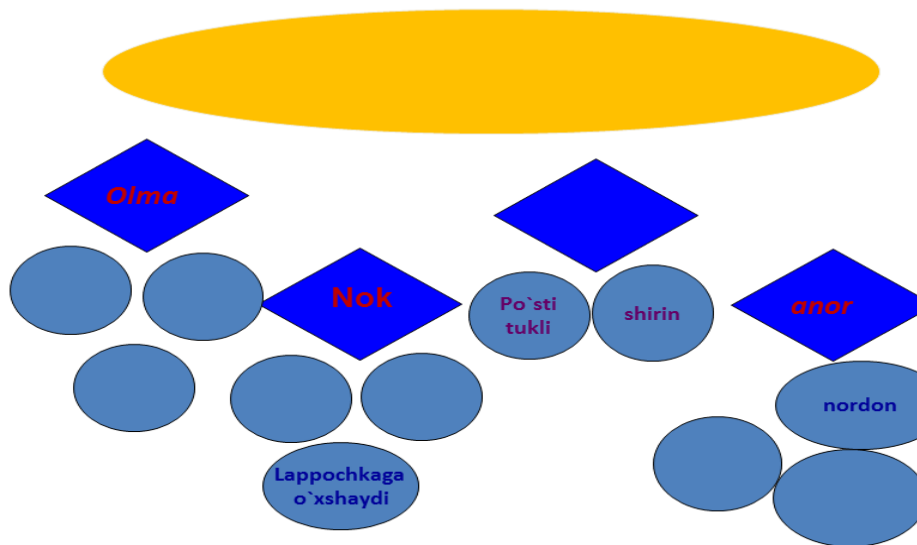
According to the Decree of the President of the Republic of Uzbekistan "On approval of the national program for the development of public education in 2022-2026" No. PF-134 of May 11, 2022, the development of public education the main directions of the national program were determined. Based on this document, the issue of teaching natural sciences is also one of the urgent tasks.

Natural sciences - based on observation and experiments, evidence, form the skills of describing, predicting, understanding, decision-making, and research of natural phenomena. Natural sciences include biology, geography, physics and astronomy, chemistry, mathematics and provide their mutual integration.

The effective use of educational information, the ability to apply it in the fields of science, is carried out on the basis of understanding its essence and function, and consciously mastering it.

It is known that the interest in the application of interactive methods to the educational process is becoming more and more widespread. Therefore, the use of such a method increases the effectiveness and effectiveness of education, increases the motivation of students to study. Below are examples of interactive methods that can be used in natural science classes.

In the 3rd grade, on the topic "We study fruits with the help of sensory organs", a sample slide of the definition of the word "Fruits" based on the "Organizer" method is shown on the computer. Pupils write down what they know and make a presentation.



The teacher summarizes.

Based on the "gallery tour" method, a small "gallery" is organized for each group, i.e., 4 places of the class are designated and papers are attached to flipcharts. Each group performs a task based on a given task, and after applause, they exchange places and finally come to their galleries, and it is up to the group to accept or not the given versions.

For example: On the basis of natural science lessons, they are asked to write animal species based on the topic "Wild animals". After performing in sequence according to the requirements of the method, a presentation will be held and the conclusions of the groups will be heard. On the basis of this method, we have the opportunity to educate such characteristics as active work in a group, agility, the desire to win in a competition, respect for each other, and the ability to listen.

"In the 3X2 (3X3, 3X2, 5X2, 4X3) method, each small group is given a separate task on a common topic and 2 are asked to write answers. After the sheets are exchanged and the tasks of finding answers to other group tasks are completed, a general conclusion is drawn. Organizing a lesson based on the 3X2 technology allows each group to fill in the information and express their views.

For example: in the 1st grade, on the basis of the topic "Autumn", groups are asked to write autumn fruits, vegetables, and vegetables in pairs.

Questions given to groups using the 3x2 method are defined as follows.

Fruits
Pomegranate
Apple
Grapes
Pear
Quince
Fig

Vegetables
Tomato
Onion
Potatoes
Pepper
Carrot
cabbage

Flowers
A rose
Carnation
Chrysanthemum
Astra
Gulbeor
Kokangul

Creative work - creativity in different directions according to the same topic, for example, when passing the topic "3rd grade Mass and its units", the task is given to choose one of the following tasks, and based on this task, groups perform performances:

A small lecture or story;

Proverbs and wise words;

Role-playing game;

Drawing;

Application;

Making from plasticine;

Song;

Poem;

Creating a problem;

Finding puzzles.

The presentation of the groups is combined and a general conclusion is drawn.

In conclusion, we can say that based on the effective use of interactive methods in the process of teaching natural sciences, we have created a foundation for students to think independently, logically, to create the process of integration, and to develop creative approaches of students.

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