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THE EFFECT OF USING INTERACTIVE METHODS IN TEACHING **ENVIRONMENTAL SCIENCES**

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Annotation: the formation of the younger generation, which today is free and independent-minded, able to consciously actively participate in socio-political life, surrounding them- having the necessary knowledge and skills of the students in solving problems in the field of Environmental Protection, energy and resource conservation, energy and resource conservation in the construction of buildings and structures, general ecology, knowing the causes of environmental problems and ways to eliminate them, the information presented in this article about the possibility of using interactive methods in teaching ecology.

Keywords: educational sphere, information communication system, pedogogical activity, educational technology, new pedogogical technologies, atmosphere, dust, is gas, environmental situation.

One of the important tasks facing higher education institutions today is the training of a free and creative thinker, a specialist capable of self-development and self-improvement. The country has set its priorities for ensuring environmental safety, improving the environmental situation, maintaining a favorable environmental condition stable, ensuring the effectiveness of Public Administration in the field of Ecology and Environmental Protection, and preventing violations in the field. The effective solution of these tasks in turn assumes the elimination of current problems and shortcomings by organizing an innovative educational environment and developing and practically introducing new modern technologies in the educational process. Also, modern requirements indicate the need to modernize the educational process as a holistic system and organize innovative activities in education. At the same time, one of the main trends in the development of education is informatization and computerization, which consists in ensuring the introduction of new innovative, information technologies into the educational process, the transfer of classes in the audience in iterfaolic methods.

Scaling of interactive methods in the educational process is one of the urgent issues related to their integration, the study of its methodological foundations, the choice and development of forms and methods, the state educational standard and the system of continuing education. In modern new socioeconomic conditions, one of the most important issues is the compliance of the integration of the education system with the changes and requirements of the market economy, sufficient provision of the educational process with a material, technical and information base, involvement of highly qualified teaching staff in the educational process, preparation of high-quality educational and methodological developments, establishment of mutual integration of the education system and production becomes.

The fact that the XI century was recognized by our scientists as the age of information technology is that pedagogical and information technologies are developing every day in all areas, including in the field of education, bringing high results to non - traditional teaching in the widespread use of new information technologies. The concept of pedagogical technology originally emerged in the United States in the mid-



20th century and was referred to as "educational technology" until the mid-1940s and 50s, when the term was applied to teaching using technical means. In the 1950s and 1960s, programmatic education was envisaged, in the 1970s the phrase "pedagogical technology" was used to denote the educational process that was previously designed and guaranteed the achievement of clearly defined goals. In 1979, it was stated by the U.S. Association for pedagogical communications and technology that pedagogical technology is a complex, integrative process, and from the early 1980s that pedagogical technology is the computerized and Information Technology of Education. Various definitions are now given to this concept as follows: technology is the sum of methods, paths used in a business, industry, skill. Currently, the amount of dust and is gases entering the atmosphere is increasing day by day in the process of construction work and their construction in our country and other countries. The development of Science and technology, as well as the rapid development of the construction industry, in addition to bringing unprecedented achievements to society, led to a sharpening of relations between society and nature, deterioration of the ecological situation, waste of natural resources, pollution of water, air, soil, poisoning, plant and animal depletion, disruption of large-small ecosystems. An important factor in the process of solving the problems of modern ecology on the basis of scientific and technological achievements is the science of building ecology, its capabilities in solving its direction, conflicts between society and nature. The application of the rules of the science of building ecology in practice in the Prevention of environmental tensions and disasters, in solving environmental conflicts between society and nature is of great importance.

The practical tasks facing the science of Ecology in the current period include:

- 1. providing the population with an optimal environmental environment;
- 2. ensuring the construction of environmentally friendly buildings;
- 3. the production of waste-free technologies, in addition to the rational use of Natural Resources;
- 4. ensure constant and high productivity of artificial ecosystems (agriculture);
- 5. Implementation of nature protection by providing environmental education and education to different segments of the population [4].

New educational technologies will help the teacher in passing ecology:

- 1. Student orientation;
- 2. That the student must master the developing educational technologies, taking into account the different levels of readiness to study in modern education;
- 3. The formation and development of a student's personality is carried out in the process of his own activity, aimed at "discovering" or "inventing" new information.

In recent years, teachers have been trying to focus themselves on the student by introducing student-oriented, human-personal education. But it is not necessary to teach the student all the information, to give him ready-made ideas and knowledge about literally all the information. But it can be directed to independently acquire knowledge, analyze the situation, direct the student, help him master new information, draw conclusions, find a solution to a task or problem that he has not solved. This makes it possible to concentrate saiy - efforts aimed at improving the quality and efficiency of educational and educational work.

The effective organization of training of students in ecology, the content, forms and means of pedagogical technologies, the correct choice and methods of productive use of pedagogical technologies in education, the study of innovations in the field of education carried out to achieve a guaranteed result, the use in practice determines the practical significance of the work. Since the educational process is a complex



process, the effectiveness of education depends on the activity of the educator and student, the availability of educational tools, organizational, scientific, methodological excellence of the educational process.

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