

ефективності навчання у дослідних групах з дидактичними іграми на 6...10 % більша, ніж у традиційного стандартизованого підходу. Таким чином кейс-методи до формування техногенно-екологічної компетенції працівників суб'єктів перевезення небезпечних вантажів мають прямий позитивний результат.

Для працівників суб'єктів перевезення небезпечних вантажів вираженим є підвищений тягар відповідальності та необхідність одночасного виконання великої кількості завдань. Спеціальне підвищення кваліфікації у інтерактивній та ігровій формі здатне збільшити зацікавленість та залученість цих працівників. А це далі сформує систему техногенно-екологічної безпеки транспортного процесу.

Результати дослідження дозволили сформувати перелік рекомендацій удосконалення моделі спеціального навчання та набуття навичок із техногенно-екологічної безпеки перевезення небезпечних вантажів: (1) спеціальне навчання потребує розробки та широкого застосування дидактичних ігор, заснованих на реальних кейсах аварійних ситуацій; (2) застосування інтерактивних форм навчання дозволяє до 20 % скоротити час навчання та інформаційно-дидактичне навантаження; (3) паралельні мережеві онлайн завдання та інструменти MOOK можуть стати інноваційною альтернативою традиційним груповим заняттям; (4) для подолання формального підходу у навчання слід збільшити частку питань категорії D (у класифікації Берлінської комісії з освіти ПРООН) до 50 % бази даних Національного органу сертифікації на транспорті.

THE NEWEST PROBLEMS OF ENVIRONMENTALIZATION OF HIGHER EDUCATION

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The state of the environment has long been talked about, not only locally for Ukraine, but also for the whole world. And now, after the start of a full-scale war, the environmental condition is only getting worse. That is why environmental education is now relevant and the promotion of environmental culture is more important than ever. The need for environmental education is the need to develop an individual ecological culture, to understand the connection with nature, and to

understand the consequences of anthropogenic influence and bear responsibility for it, not only in the present but also to our descendants, because it will directly affect them. It is necessary for each person to understand his place in the world and how he can influence it, both positively and negatively. Because what we all have to protect together is the planet earth, but unfortunately people forget about it.

When it comes to greening the educational process, it is about regulating the interaction between people and nature and including all levels of human life, both material and spiritual. And with the deterioration of the ecological state, the role of environmental education is more relevant than ever. And that is why it is necessary to decide on the teaching methods of environmental education, and it is necessary to pay attention to the fact that compared to other areas of study, this is a fairly young branch, and therefore, there are no permanent teaching strategies yet. At present, there are several options for education, as a separate discipline "ecology", which is implemented at various educational levels with all the necessary accompanying materials.

And another way, the implementation of environmentalization in different disciplines, that is, it can be separate blocks of information that are included in each subject of an educational discipline, which allows students to understand the relationship between ecology and all other spheres of a person's life, no matter what he does.

In addition to traditional teaching methods, you can use effective methods that have already proven themselves well: role-playing games, discussions. The use of these methods in the teaching of various disciplines, in addition to providing an opportunity to increase the level of environmental education, it forms in students the stereotypical behavior of the norm and the concept of environmental behavior. This gives students the ability to solve environmental problems individually and in a team. Modern teaching practice, unfortunately, most often does not make it possible to form among students, especially technical areas of study, systematic basic ecological knowledge. It is necessary to strive to achieve such a pedagogical process that will help to achieve a consistent and systematic level of knowledge about the surrounding world and human interaction with it. An important component of environmental education is various ecological movements and work in them to protect nature. They provide an opportunity to realize in practice the introduction of knowledge and their deepening. Environmentalization of society plays a big role, because it gives an opportunity to a young person who is not yet fully formed, and it gives an opportunity to feel part of society and find "his" way.

That is why the organization of student groups and movements that involve practical activities (cleaning up garbage, planting trees, and other environmental actions) as well as leadership activities are of great importance and are one of the important directions of environmentalization of the educational process, so that it is not only in theory, but and in practice.

Therefore, environmentalization of education should be continuous at the entire stage of education and have an interdisciplinary nature. The subjects taught should carry information about nature conservation. Greening should be flexible and interactive to change the strategy depending on the need and more urgent needs. That is why it is necessary to integrate greening in Ukraine and to establish interdisciplinary connections for a holistic educational process, this is the most important direction for our country and future generations.

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