

**WAYS OF PROVIDING ECOLOGICAL EDUCATION THROUGH SOLUTION OF
ECOLOGICAL ISSUES IN CHEMISTRY LESSONS****U. Abdullayeva, S. Ormonov**

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Nature and man relate to each other based on certain laws. Violation of these laws will lead to irreparable environmental disasters. Especially in the current period of scientific and technological development, any development of production leads to further pollution of the environment. Nature protection, rational use of natural resources is the priority of the future economic and social development of any country. It is calculated from the directions. Because it is necessary to consider the prospects of the development of the country's economy taking into account its impact on the environment, and pay attention to the harmonization of economic and environmental policies. In February, at the meeting of the video selector regarding the urgent tasks of the waste management system and the improvement of the ecological situation, the implementation of the "Green Space" national project: "In the 21st century, when the industry is highly developed on a global scale, the problems related to ecology are on the agenda as a priority issue. In Our descendants must live in a decent natural environment after us. For this, we need to pay attention to nature, think not only about today, but about the near and distant future," they said separately.

In order to deeply understand the ecological danger, it is necessary to form an ecological culture by giving pupils and students a certain level of environmental education and training. It is necessary that the environmental and education given to the students is inextricably linked with the content of the studied educational materials and based on it. Environmental education and education in chemistry classes should be based on the content of the lesson from each chemistry teacher. , using local materials, it is important that it is conducted on the basis of interdisciplinary connection. Solving issues related to environmental content and atmospheric air pollution in chemistry lessons teaches pupils and students to apply the acquired theoretical knowledge in practice, their responsibility towards nature We will give examples of environmental issues below.

Issue 1. According to the given data, 100 million tons of SO₂ are released into the atmosphere every year, how many million tons of H₂SO₄ can be obtained from it with 85% yield?

When studying the topics of carbon and its compounds in chemistry classes, knowledge is given about the effects of carbon, hydrogen and oxygen compounds on the environment. Air pollution with various man-made wastes is one of the global problems. Among them, CO₂ gas occupies the main place. As a result of man-made pollution, more than 22 million tons of CO₂ gas is released into the atmosphere per year. During the next century, the amount of this gas is expected to increase significantly. As a result of the doubling of CO₂, it is estimated that the average temperature of the air in the lower layers of the atmosphere will increase by 2-4 °C. Along with providing the above ecological knowledge, it is appropriate to strengthen ecological knowledge by solving the following issue related to this topic.

Issue 2. 8 liters of gasoline contains 50 moles of octane. When the octane content of 20 liters of gasoline is burned, how many (kg) of CO₂ are released into the atmosphere?

Issue 3. Natural gas contains (by volume) 92% methane, 3% ethane, 2% propane and 3% nitrogen. How many m³ of air is needed to burn 1m³ of this gas? ($\omega_{O_2}=0.21$). On the basis of solving the above-mentioned ecological issues, the organization of environmental education and training in general secondary schools, vocational colleges, and higher educational institutions will instill in students a sense of responsible attitude towards nature. along with serving to form it, it ensures that relations between nature and society are organized on the basis of high moral standards based on the constant enrichment of the chemical and biological knowledge acquired by them.

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