



METHODS OF TEACHING THE SUBJECT OF ALCOHOL WITH THE HELP OF INFORMATION TECHNOLOGY

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| Article history: | Abstract: |
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| Received: 28 th February 2021 | The article discusses both theoretical and practical aspects of the use of ICT in the chemistry about alcohol. The effectiveness, success, and methodology of using information technology reveal its role and place in society. |
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In the age of information society of the XXI century, every professional is required to have a thorough knowledge of information technology. At the same time, more effective and efficient organization of lessons with the help of ICT by teachers in educational institutions remains a modern requirement. Of course, this is a conscious necessity for humanity. One of the most important methodological principles that allows the effective use of information technology is the integration of computer technology with traditional methods and forms. It is important for teachers to use modern e-books, virtual chemistry labs, new teaching aids and the Internet. It also requires the teacher to be able to use ICT tools correctly and appropriately, depending on the age and psychological characteristics of the students and the nature of the lesson. The use of ICT in education, unlike conventional technical means, provides students with a large number of ready-made, carefully selected, appropriately organized knowledge. Students develop their intellectual and creative abilities, new knowledge independently, and skills to work with a variety of information sources.

One of the advantages of using multimedia technologies is that the new type of activity, improving the quality of education through interest in working with computers. The use of computers in subject-based activities can be a new way to make the lesson more visual and engaging for students to organize their activities actively and consciously.

The use of ICT in the lessons allows to accelerate the activities of teachers and students, to improve the quality of teaching, to put into practice the principle of demonstration, to reflect the important aspects of the objects, to study the objects and natural phenomena, important features in terms of learning goals and objectives.

Power Point is one of the most popular software tools for easy presentation of various reports. Any user of a personal computer can own it. But most people use only text and images when working on Power Point. Some users also use graphics capabilities. When covering the topic of alcohols, it is convenient to show the formulas, isomers, chemical reactions, and chemical and physical properties of alcohols through this program.

Animation is used to animate the presentation. You can place videos where there is not enough animation.

For example, when explaining the topic of alcohol by a teacher, it is difficult for the student to have an idea of the areas in which alcohol is used. If it is shown to students in the form of animation through ICT, it expands their understanding of this information, makes the topic clearer. In addition, various videos about the production and use of alcohol are shown on slides, which give the reader a complete picture of the topic of alcohol.

The purpose of presenting educational information in this way is to form a system of imaginary images in students. Presentation of educational materials in the form of multimedia presentations reduces learning time and saves children's health resources. This is made possible by the interactive features of e-learning applications that are well-suited for students to organize their cognitive activities independently.

It is advisable to use multimedia presentations at any stage of the study and at any stage of the lesson.

The use of more video lessons in explaining, reviewing, and reinforcing new material in alcohol-related classes gives good results. The material is presented easily and clearly through video lessons.

The advantage of using video lessons is that you can pause during the exhibition, discuss what you have seen, and ask students questions. Students need to draw conclusions from what they see. Demonstration time should not exceed 10-15 minutes, then change the type of activity.

Students will also be able to download video lessons for homework.

The video lesson itself can take many forms, for example, there are three main types of lessons:

- in explaining a new topic;
- strengthening knowledge, skills and competencies;
- Generalization and control of knowledge, skills and abilities.

In short, the use of ICT in education increases the effectiveness of lessons and develops students in all respects. Proper use of ICT provides visualization of the lesson, saves time, increases the scientific and aesthetic confidence of teaching.

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