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USE OF ASSESMENT TECHNOLOGY IN TEACHING THE TOPIC "CHROMIUM AND ITS COMPOUNDS"

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Annotation

The application of Assesment technology in the study of the theme of "Chromium and its combination" can stimulate the growth of knowledge potential, independent thinking of students, thereby increasing the effectiveness of teaching.

Keywords: education, Assesment technology, chemical science, professional competence.

Currently, the new principle of knowledge proficiency in the education system has a good effect on the use of various types of modern innovative educational technologies. At the same time, when using new methods of education, students seek to develop intellectual, free thinking, justify their opinion, listen to someone else's opinion, try to find a solution to problems, effectively influence the processes of creative and moral development. One such educational technology is Assessment technology.

A big role in teaching chemical science is played by the use of Assesment technology. Because Assesment technology allows you to define four levels of knowledge.

Assessment technology (English "essence" - "assessment," "assessment") is a set of tasks that provide the ability to comprehensively, objectively assess the level of knowledge, skills and qualifications of students. This technology helps to identify, assess the professional readiness of the person, the level of formation as a specialist and the quality of professional competence.

Pedagogical education in the educational and educational process when using methods, first of all, it is important to know the role of using this method, its effectiveness. In the context of market relations, resistance to strong competition, which occupies a dominant place in the labor market, requires each specialist to obtain professional competencies, and consistently increase it. For this, each teacher has life experience, is armed with sufficient knowledge.

This method can be applied in the input, main or final part of the lesson, that is, in the process of giving the house a task. It is important to use to determine the knowledge, skills gained in the process of summarizing the topic or determining how much students completed homework. The implementation of the "Assesment" method in the educational process is based on a certain technology. As a teacher, students are given a task to perform tasks in the form of a schedule as soon as possible. After completing the order, the answers are published by the teacher, and the students conduct self-control on the answer and evaluate it on the basis of previously published criteria. At the same time, students draw conclusions by self-monitoring and assessing the content of the topic.

Assessment when assessing the general cultural competence of students is carried out in the following cases:

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- 1. Integrity (students pass tests in various disciplines and tests).
- 2. Reality (student behavior assessed).
- 3. Independence (each student is evaluated by several specialists).
- 4. Objectivity (conclusions are based on standardized assessments).
- 5. Reliability (conclusions are based on the results of self-performed tasks by students).

Let's adopt the "Assist" methodology for teaching the topic "Chrome and its compounds." To do this, you can prepare and present four directions for a computer program:

Test	Problematic situation
1. When and by whom was the chrome discovered?	Chromium compounds will be colored. When the
A) 1797 Vokelen	tube was filled with some kind of chromium salt, the
B) 1797 Tasser	color was green, and when it was supplied with an
C) 1797 Hatchet	alkaline solution, what was the color? If ammonium
e) 1797 Lecoc de Buabodran	hydroxide is added to this solution?
2. How do you get the purest chrome?	
A) Method of aluminothermy	
B) Method of carbothermia	
C) by silicothermy	
D) Electrolysis	1 ball
1 bal	
Notable dictionary	Skills
Translate the following words into English:	Add the reagents needed to implement the process
Oxide -	and enter the complete reaction equations.
Basis:	
Acid -	
Salt –	
1 bal	2 ball

(2nd Clyde)

"Assesment" Response

	t Response
Test	Problematic situation
1. When and by whom was the chrome discovered?	
<u>A) 1797 Vokelen</u>	III valence compounds of chromium have a green
B) 1797 Tasser	color. If the mud is fed, it turns purple. If ammonium
C) 1797 Hatchet	hydroxide drips onto the solution, it reverts to green.
e) 1797 Lecoc de Buabodran	
2. How do you get the purest chrome?	
A) Method of aluminothermy	
B) Method of carbothermia	
C) by silicothermy	
D) Electrolysis	1 ball
1 ball	
Notable dictionary	Skills
Translate the following words into English:	Add the reagents needed to implement the process
Oksid – oxide	and enter the complete reaction equations.
Asos – base	1) $S + K_2Cr_2O_7 = K_2SO_4 + Cr_2O_3$
Kislota – asid	2) 2Al + Cr ₂ O ₃ = Al ₂ O ₃ + 2Cr
Tuz – solt	3) $2HCl + Cr = CrCl_2 + H_2$
	4) 4HCl + 4CrCl ₂ + O ₂ = 4CrCl ₃ + 2H ₂ O
(For answer with recording of each button"up to	(For the reaction equation with each button "up to
0.25ball)	0.5 ball)
1 ball	2 ball

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Through this method, students must score a maximum of 5 balls within 10 minutes. Having determined how these answers correspond to the answer option, they will be able to determine the levels of their mastery on the topic, work independently, objectively assess themselves. This method allows the teacher-teacher to simultaneously evaluate all students.

The use of Assesment technology after the end of a certain module on the course is more effective. Because the student forms and evaluates knowledge, skills and educated qualifications in four directions: not in one direction, but in a test, a problem situation, an understandable dictionary, a skill. The use of "Assesment" as a method can also be used as a technology. To do this, an "instruction" will be given before setting out a new topic. During the statement on the new topic, students will draw conclusions on solving problems and are ready to answer "ridan-tug" in the exclusive part of the topic. This method encourages students to activate classes.

In conclusion, by using Assesment technology to teach the theme "Chrome and its connections," one can achieve the activation of each of the students in the teaching process and improve the effectiveness of teaching.

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