

"CONCEPT OF LOGARITHM" TO STUDENTS OF VOCATIONAL SCHOOL.
LOGARITHMIC FUNCTION AND ITS PROPERTIES. PROCEDURE FOR
DEVELOPING THE SCENARIO OF THE "GRAPHIC" MODULE

Jurayeva Zulfiyakhan

Vocational Vocational School No. 1 of Asaka District teacher of mathematics

In recent years, the integration of the modern labor market with the local and foreign labor market is accelerating. It is these factors that the state is paying special attention to in order to improve the continuous education system in accordance with the modern needs of the labor market and to train highly qualified personnel, openness and quality of educational services. For this purpose, in order to ensure the implementation of the laws of the Republic of Uzbekistan, the decisions of the President of the Republic of Uzbekistan, a number of decisions adopted by the Cabinet of Ministers regarding the professional education system, the professional education of leaders and pedagogues working in this education system It is important for them to have a deeper understanding of state policy and the legal basis for its modernization.

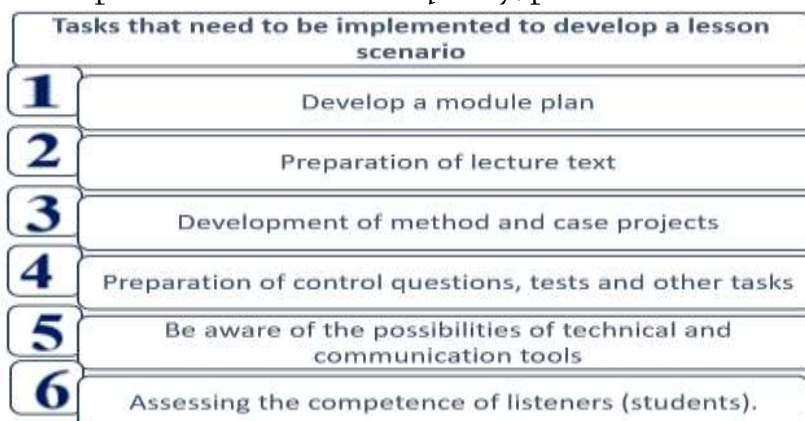
From this point of view, the reform of the professional education system is of great importance. For this purpose, the regulatory legal documents related to the industry were also improved in the past period.

The goal of the 6th goal of the "Uzbekistan-2030" strategy, approved by the decree of the President of the Republic of Uzbekistan, is to train students with modern knowledge and skills through the development of the professional education system. Within its framework, the current year's state program envisages training students in modern knowledge and skills through the development of the Professional Education System.

In world experience, the following 3 tools are used, such as creating a permanent source of income for poor families, improving the quality of human capital, and direct support. will be done. This is a direct result of education.[3]

The reason is that the main part of the economically active layer is professional workers who are middle and lower level employees.

High-quality and effective performance of these tasks in educational institutions is represented by the organization of the educational process. It is important to organize the educational process on the basis of quality, plan and coherence.





"Concept of logarithm" to be given to vocational school students. logarithmic function and its properties. The best way to make the "Graphic" module interesting and useful, with efficient use of time, is the scenario of the lesson.

For example, students of the primary professional education system are taught "Understanding logarithms" as part of the curriculum. Logarithmic function and its properties. We will analyze the topic on the example of a scenario developed in order to effectively organize lessons in "Graphics".

The purpose of the lesson: students' understanding of logarithms. Logarithmic function and its properties. Creating knowledge and skills about the topic of graphics.

Basic knowledge, skills or competencies formed in the student as a result of mastering this topic.

When developing the technological map of the module, it is necessary to aim for the maximum effective use of the available opportunities (method, organization, time) based on each plan.

It is possible to record the tasks of the teacher (form of training) and the tasks of students (forms of mastering) in the time period for which the stages of the work to be done are allocated in the schedule.

"Understanding logarithms. Logarithmic function and its properties. Technological map of the topic "Grafigi".

Work steps and time (80 min.)	Activity content	
	Teacher (educator)	Student (learners)
Stage 1. Enter (10 min.)	1.1. He gives a list of literature for independent study of the main concepts on the subject.	1.1. He noted
	1.2. Introduces evaluation criteria.	1.2. He hears
	1.3. It tells the topic, purpose, plan and results of educational activities.	1.3. They record the necessary information.
Stage 2. Main (60 min.)	2.1. Introduces basic phrases related to a new topic. (Appendix #1)	2.1. They write basic phrases
	2.2. "Brainstorming" method is used in order to activate students' knowledge. (Appendix No. 2)	2.2. He thinks and answers based on previous basic knowledge.
	2.3. Students are divided into small groups. Gives text. (Appendix #3)	2.3. They get acquainted with the text description.
	2.4. Gives handouts to groups. Uses the zig-zag method. (Appendix #4, Appendix #5)	2.4. They receive assignments.
	2.5. Monitors the process. Offers answers to questions that arise during the work process.	2.5. They ask questions and record.
	2.6. Announces the presentation.	2.6. They present.
	2.7. Emphasizes that students pay attention to the main concepts of the topic and write them down.	2.7. They write
	2.8. Asks control questions. (Appendix #6)	2.8. Will answer.



Stage 3. Final (10 min.)	3.1. It concludes the topic. Answers questions on the topic.	3.1. They ask questions
	3.2. It focuses students' attention on the essence and importance of the main issues and interprets them one by one.	3.2. He hears, clarifies.
	3.3. Determines the importance of this topic in the future professional activity. Encourages students to actively participate.	3.3. They listen.
	3.4. Gives assignments for independent work.	3.4. Writes down the assignment.

The above table can be further improved by the pedagogue based on his skills, style and capabilities. If the time of the lesson is clear, it is possible to give the time not in terms but also in hours.

Problem: If the clock shows "9:00-9:10" and observes the time sequence. It is advisable to include interactive games, cases, assignments, video clips and presentations in the script. The main thing is to carry out knowledge in science based on life examples in a pre-planned way.

For example: Logarithms are widely used in various aspects of everyday life. For example, the logarithm is used to find how long it takes for a bank deposit to grow by an amount. Or the logarithmic relation is used to estimate the pitch of a sound. In addition, the seeds in the sunflower plant are located along arcs similar to a line called a logarithmic spiral. Such real-life examples serve to make the topic more interesting.

REFERENCES:

1. Law of the Republic of Uzbekistan "On Education" No. ORQ-637, adopted on September 23, 2020.
2. MURTOZAQULOV Z. M., ABDUJABBOROV S. H. F. Convenient methods and instructions for solving the system of equations //ECONOMICS. - S. 898-904.
3. "Increasing the quality and efficiency of the educational process by modernizing primary education. Tashkent 2016
4. International research journals-citefactor 2020-21: 0.89 doi: 10.24412/2181-1385-2021-10-579-594 issues of ensuring population employment while reducing poverty Uzakov K. [https://cyberleninka.ru/article/n/ issues of providing high-employment-in-poverty-increase/viewer](https://cyberleninka.ru/article/n/issues_of_providing_high-employment-in-poverty-increase/viewer)
5. www.bimm.uz The main scientific and methodical center.