

**ORGANIZING THE LESSON IN AN INTERESTING WAY FOR STUDENTS AS
AN EXAMPLE OF THE PROFESSIONAL EDUCATION SYSTEM (IN THE
EXAMPLE OF THE TOPIC OF NEWTON'S LAWS)**

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Changing conditions in the industrial sector, as well as in other sectors, requires a qualitatively new level of personnel training. This can be achieved by transitioning to the path of innovative development that allows secondary vocational education institutions to increase educational efficiency. It should be noted that the development process of secondary vocational education is slowing down due to certain problems: the breakdown of traditional ties between educational institutions and enterprises, the outdated material and technical base of educational institutions, the lack of students the difficulty of choosing a basis for conducting practical training, the inability to provide full training of personnel with the necessary qualifications, the fact that educational institutions are not filled with managers and teachers who have professional experience in modern enterprises.

Education, including professional education, is one of the most urgent issues, especially at the time when the government of Uzbekistan is carrying out rapid reforms in the field of poverty reduction.[4]

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.

MAIN PART

It has always been relevant to increase the knowledge of students studying in educational institutions in the field of physics, to develop their theoretical and practical knowledge of the laws of physics.

In particular, the effective organization of training on the subject of Newton's laws within the framework of physics depends in many ways not only on the theoretical knowledge of the pedagogue, but also on his creative approach and pedagogical skills.

For this, the teacher must have the necessary methods. Of course, pedagogical methodology is a skill formed through learning and experience.



At this point, a reasonable question arises as to what the concept of "methodology" means.

Methodology (*greek*) is a set of methods or ways of doing something. In other words, teaching about teaching methods.[1]

As always, the lesson begins with an introductory part, in which the student is given brief basic information about the topic.

The first law, also known as the law of inertia, states that a body at rest remains at rest and will remain in motion unless acted upon by an external force.

Newton's laws of motion are the basis of classical mechanics and provide a basis for understanding the behavior of objects. These laws are essential to understanding the principles that govern the motion of everyday bodies.

The second law determines the relationship between the mass of an object, its acceleration and the force acting on it, and gives an understanding of how objects move and interact with each other.

After that, Newton's laws are discussed one by one.

In conclusion, Newton's laws have greatly influenced our understanding of the physical world. Their legacy is evident in the fields of physics and engineering, where they continue to serve as the foundation for countless scientific advances. [2]

In general, Newton's laws left an indelible mark on the scientific community and the whole world. Their lasting legacy bears witness to the genius of Sir Isaac Newton and his contribution to our understanding of the natural world.

In addition, Newton's laws influenced other fields of study such as astronomy and space exploration. Their principles played an important role in the creation of spaceships and space exploration.

Life examples are very important in making the topic interesting. This will attract the attention of the reader, ensure that he understands the topic and remembers it for a long time.

Because even in the decision of the head of state "On measures to improve the quality of education in the field of mathematics and to develop scientific researches", educational literature (textbooks) on the subject of mathematics is included in various programs and on a general methodological basis, as well as

Newton's Laws

1. A body will remain at rest, or moving at a constant velocity, unless it is acted on by an unbalanced force.
2. The force experienced by an object is proportional to its mass times the acceleration it experiences:

$$\vec{F} = m\vec{a}$$

3. If two bodies exert a force on one another, the forces are equal in magnitude, but opposite in direction:

$$\vec{F}_{12} = -\vec{F}_{21}$$



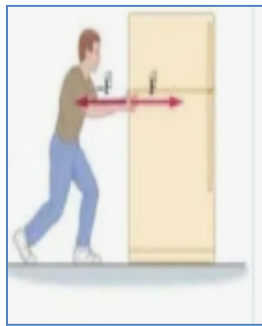
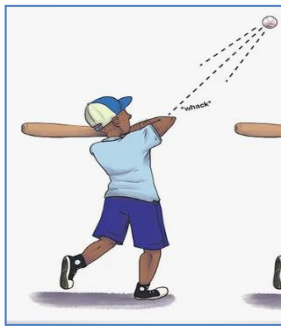
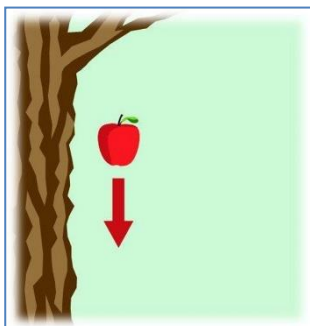
modern information. The issue of preparation on the basis of real examples, graphic materials, explaining with the help of technology tools was raised. .[5]

It is necessary to prepare a lecture text before preparing a presentation using it. Presentations are prepared based on the lecture. Developing a presentation plan is also important.

Choosing a "background" or "template" suitable for the theme of the presentation will increase the quality of the presentation even more. It is approached with aesthetic taste.

At the end, the teacher should learn the opinions of the participants about the lesson. for this, a traditional survey can be conducted. It is recommended to conduct questionnaires in the form of an interview, in paper form or in electronic form (by telegram). In addition, the opinion of the participants can be determined through various methods.

For example, at the end of the training, the participants were asked, "Based on the finished lesson, which of the following forms would you choose?" you can get their interesting answers and comments by asking the question.




Based on the answers given by the participants, they are asked why they chose that form. Their comments are recorded and systematically analyzed after the training. This will help organize further training more effectively.

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