

# The Importance Of Innovative Technologies In The Teaching Of Physics The Development Of Modern Lessons

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**Abstract:** *The article provides instructions on the use of innovative technologies in the development of modern lessons in the teaching of physics*

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## I. INTRODUCTION

At present, the use of modern pedagogical technologies in the teaching of subjects in all educational institutions of the country is a topical issue.

The rapid development of science and technology is radically changing the content of production in industry and agriculture in our country. A number of professions in modern manufacturing require the training of professionals who are not only well-informed, but also highly developed, have their own thinking and pedagogical skills. The use of any pedagogical technology in the educational process depends on who teaches the student and who the teacher teaches. These pedagogical technology-based exercises allow students to focus on their own thinking, while satisfying their desire to express their involvement in the necessary life achievements and exercises.

## II. MATERIAL AND METHODS

In order to solve the problems facing the education system in the emerging modern processes, it is necessary to learn new information and assess their own knowledge, to make the necessary decisions, to think independently and freely. Therefore, in the educational process of educational institutions, the role and importance of modern teaching methods, interactive methods and innovative technologies is great. The knowledge that is relevant to pedagogy and their application in education ensures that practicing students are well-educated and well-rounded. Innovation - (innovation in English) - is the introduction of innovation. Innovative technologies are innovations and changes in the pedagogical process and the activities of both (teacher and student), and in its implementation are used interactive methods. The curriculum, which seeks to standardize competencies for secondary schools, clearly outlines the competencies and standard levels of compulsory education, daily reading elements that students need to know. The fulfillment of important tasks of education and upbringing of young people depends on the degree to which the teacher's worldview, professionalism, talent and culture are in line with the world. The role of the first lesson is different, taking into account our different experiences in the learning process. An effective lesson can be achieved only if each subject teacher makes the first lesson interesting and lively. The first lesson, which begins with the development of students' interest in the subject, can be a guiding lesson for the student. In this case, with the increase of the student's interest and interest in the subject, the teacher's actions, concise words, and critical thinking take place under the control of the student.

The student critically evaluates each of the teacher's actions and imitates their actions. Students will be fascinated by the novelty of the teacher's approach to the lesson. Thus, the ideological and theoretical level of the first lesson should be high and the quality of the lesson should be considered.

## III. RESULTS

Therefore, the student's interest in the subject can be increased only if the teacher highly evaluates the student, taking into account the activity of the student in the classroom, completing the question during the lesson, observation, relevant examples from life. The implementation of the new curriculum in the lives of schoolchildren requires the improvement of teaching methods and content, which will be provided to students in the classroom. It is good for the teacher to learn the character of the students during the lesson. For example, if we walk around the classroom, see the work of those who do not make a difference, warn and approve of their shortcomings, reward others, show them the way, attract the student, he will be satisfied with the teacher, increase his confidence and interest in the subject. In the future, students will be able to study independently, learn the arts and increase their interest in lessons. It consists of teaching students to think independently and to educate in all areas of modern education. We must not forget that teachers, in the first place during the lesson, not only provide students with in-depth knowledge in the teaching of subjects, but also cultivate their interest in science and hard work.

Today, the main task of teachers is not only to educate, but also to properly integrate the educational process, to be able to constantly innovate in the educational process, that is, to seek innovative services. The stages of formation of the innovative activity of the teacher are as follows.

The first stage-ready methodical instructions are clearly prepared.

The second step is the introduction of new methodological methods.

The third step is to fully study the content, methods and types of implementation of the new idea.

The fourth stage - the teacher can develop new technologies of teaching and education.

Today, the attention to the use of interactive methods, innovative technologies, pedagogical and information technologies in the educational process is growing. Modern technologies teach students to search for, acquire and analyze the knowledge they have acquired, and even to complete the puzzles themselves. Thus, in order to implement these requirements, each teacher must continue to improve their professional pedagogical skills, for which they must be able to choose the right pedagogical technology.

#### **IV. CONCLUSION**

The most important thing today is to be able to apply all that they have learned to students in lessons and other educational processes with high skill. It should not be assumed that such educational institutions and teachers should not deviate from the standardization of teaching methods that apply to them at the time and achieve high results, and should use only some kind of pedagogical technology. Through the use of modern pedagogical technologies and innovations in the classroom, the teacher can easily become a legal teacher, that is, not a teacher of the student, but a teacher of learning, mastering, teaching difficult materials. and through the effective application of their pedagogical skills and the continuous improvement of the quality and level of education of students in the acquired competencies.

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