

## The Practical Importance of using Modern Technologies in Technology Courses

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### **Abstract**

This article discusses general concepts about technology lessons. In addition, the role of technology lessons in our lives and the use of modern technology in technology lessons are the main content of the article.

**Keywords:** technology lessons, innovative technology, pedagogical technology, design.

The age of primary school students is the most convenient and important period for the identification and development of individual creative potential. At this age, the foundations of creative and educational trajectories, a set of moral values, qualities, abilities and individual needs are formed. Solving the problem of developing the creative abilities of primary school students in the educational process requires a radical understanding of the most important elements of teaching (content, forms, methods) for their individualization.

Today, one of the urgent tasks of our country is to educate students, that is, to train them at the level of highly qualified specialists who meet the requirements of comprehensive state educational standards. This is stated in the National Program of Personnel Training: "Man, his harmonious development and well-being in all respects, the creation of conditions and effective mechanisms for the realization of the interests of the individual, the transformation of outdated thinking and social behavior in the Republic is the main goal and driving force of the ongoing reforms. An important condition for the development of Uzbekistan is the formation of a perfect system of training based on the rich intellectual heritage of the people and universal values, the achievements of modern culture, economy, science, engineering and technology[1].

Today, information and communication technologies are widely used in the teaching of almost all disciplines. Technology classes also have their own characteristics in applying general didactic principles to other subjects in the school. Students are not only engaged in learning activities, but also in creative activities. The science of technology serves not as a tool for the study of tools and processes, but as a visual aid, didactic material, a technical means of education that activates the practical work of students[2].

There are specific aspects of the use of modern teaching methods, pedagogical and information and communication technologies in the teaching of technology. The use of advanced and modern teaching methods, the introduction of new information and pedagogical technologies are important for students to fully master the science of technology. The use of textbooks, teaching aids, handouts, electronic materials, virtual stands and models and mock-ups of machines in working condition in the study of science, watching television and radio broadcasts on the subject of technology, the work studied to use information sources (television, radio, audio-video recording, telephone) to perform didactic tasks using the media in the study of information in magazines and newspapers, to find terms related to the science of technology; adherence to media culture is

important when opening files. When we use modern information and communication technologies in the teaching of this subject, students gain a deeper understanding and knowledge through vision when we make presentations using modern computer technology in practical classes in the subject.

In our opinion, the use of information and communication technologies in technology lessons gives a great positive result. Because in the past, students were given a one-on-one demonstration of the process of making items during practical classes in technology classes, which was time consuming and sometimes had to be repeated by the teacher. . Today, video lessons of labor operations recorded using information and communication technologies are available to students, allowing them to easily control the work of students by the teacher, significantly increasing the level of knowledge of students. Another important aspect of the use of information and communication technologies is the formation of various work skills in students through the demonstration of master classes by skilled carpenters, plumbers, cooks, seamstresses and craftsmen in various fields. it also provides an opportunity to better organize career guidance work[3].

The textbook "Technology" plays an important role in the preparation for practical work, which plays an important role in people's lives. The educational value of technology (labor) education , helps to develop the most important will and moral quality in the mental growth of students. Mutual support among students fosters such qualities as friendship, brotherhood, generalization, and community. No matter what your profession, no matter who you are as an adult, the knowledge and skills you have acquired in the field of "Technology" will definitely benefit you in life. In Technology classes, you will learn about materials science, tools, equipment, and how to use them. You will gain skills and competencies in manufacturing and repairing household items. This article outlines the skills that students will need to master various material handling techniques and how to shape them. After all, the skills of working with materials play an important role in everyone's life[4].

The development of market relations aimed at the full realization of the knowledge and potential of every member of our society increases the need for these skills. Creativity is the creation of material and spiritual wealth based on a new idea. Creativity makes our lives more comfortable and interesting. Everything around you is a product of technical means and technologies created by creative people. Their work has resulted in huge airplanes, modern cars, high-capacity computers, and other treasures that are precious to us. We hope that you will grow up in the future, master your chosen profession and contribute to this development. We wish you success in accomplishing these tasks. Main part: The main sections on the use of modern (innovative, pedagogical and information) technologies in technology classes are "Technology and Design", "Service" and "Fundamentals of Agriculture". You will learn one of them in detail. It should be noted that the textbook for "Technology and Design" includes sections on "Electrical Engineering" and "Repair of household appliances." These chapters will also be studied by students studying the basics of agriculture. You will learn about a wide range of professions in the field during trainings and field trips[5].

In the future, you will be able to master one of these professions and become a master of your field. By doing so, you contribute to the development of our society. Scientific and pedagogical literature in the field of education deals with technology, pedagogical technology, technological approach, technologicalization of education, technological training, and gives them different interpretations and definitions. I think it's important to know the meaning of the word "technology" first. The Greek translation of the word "technology" means the science that systematizes a set of methods of processing raw materials and materials with appropriate devices and equipment for the production of finished products. This is probably why it is sometimes referred to as "techno" - a craft or art,

"logos" - a science, and the science of the art of processing raw materials to make a product. In this context, I think it is appropriate to call the subject of "Labor Education" in European countries, including Germany and Russia, "Technology" or "Technological Education". In addition, to develop students' technical creativity, ability, thinking in technology classes, to strengthen their professional orientation by teaching them how to process various and natural and metallic and non-metallic materials in the classroom, the basics of folk crafts, etc. It is planned to acquire knowledge, skills and abilities to apply in the field of archeology, electrical engineering and the ability to apply them in life.

The main purpose of teaching technology in general secondary education is to apply the knowledge, skills and abilities acquired by students in the field of technical and technological operations in the independent practical activities, professional selection, the formation of competencies to enter into social relations on the basis of national and universal values[6].

The main objectives of teaching technology in general secondary education are: to study materials and their properties, characteristics and information about the technical object and technological processes; knowledge of technical objects and special and general labor operations in technological processes; technological process management, practical application of special and general labor operations; formation of technical and creative thinking, intellectual abilities; be able to analyze the technological process and the sequence of execution of finished products, as well as product quality; draw conclusions about the performance of products and processes and assess labor operations, product quality; formation and development of competencies in the field of basic and technological science in the implementation of conscious preparation for career choice.

We've covered some of the uses of information and communication technologies in technology classes above. In short, the greater the use of information and communication technologies in technology classes, the more effective the quality of technology education classes will be.

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