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TECHNOLOGY OF TEACHING QUALITY EDUCATION AND CAREER DIRECTION OF YOUTH THROUGH TECHNOLOGY CLASSES

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ABSTRACT

This article describes the importance of improving the effectiveness of teaching technology lessons, modern teaching methods, specific aspects of using pedagogical and information and communication technologies in the process of teaching technology, and the implementation of new information pedagogical technologies.

Keywords: Education, technology, information communication technologies, technology, information communication, virtual laboratory, knowledge, skills, qualifications.

АННОТАТЦИЯ

В данной статье описаны важность повышения эффективности обучения технологии уроков, современные методы обучения в процессе обучения технологии, особенности использования педагогических и информационно-коммуникационных технологий, применение новых информационно-педагогических технологий.

Ключевые слова: Образование, технология, информационно-коммуникационные технологии, технология, информационная связь, виртуальная лаборатория, знания, навыки, квалификация.

ANNOTATSIYA

Ushbu maqolada texnologiya darslarini o‘qitish samaradorligini oshirishning ahamiyati, o‘qitish texnologiyasida zamonaviy o‘qitish usullari, pedagogik va axborot-kommunikatsiya texnologiyalaridan foydalanishning o‘ziga xos xususiyatlari hamda yangi axborot-pedagogik texnologiyalarni qo‘llash masalalari yoritilgan.

Kalit so'zlar: Ta'lim, texnologiya, axborot-kommunikatsiya texnologiyalari, texnologiya, axborot kommunikatsiyasi, virtual laboratoriya, bilim, ko'nikma, malaka.

INTRODUCTION

The President of the Republic of Uzbekistan, during a meeting with young people, said that providing them with quality education, teaching modern professions and foreign languages has become the most important task. He noted that young people contribute to economic growth and emphasized that peace and development depend on educated and technologically literate youth. Shavkat Mirziyoyev noted that providing young people with quality education and upbringing, teaching modern professions and trades, and foreign languages has become the most important task and duty.

We believe that the adoption of the resolution on approving state educational standards for general secondary and secondary specialized, vocational education indicates a fundamental modernization of the education system. Today, information and communication technologies are widely used in teaching almost all subjects. Technology lessons, while applying general didactic principles for other subjects at school, also have their own characteristics. Students are engaged not only in cognitive activity, but also in creative activity. Technology serves not as a simple object of study, but as a means of instruction, didactic material, and technical means of education. In the process of teaching technology, there are specific aspects of using modern methods of education, pedagogical and information and communication technologies. The role of innovative technologies in organizing the teaching process is increasing day by day. The use of modern technologies is further expanding the capabilities of today's education. Today, it provides the opportunity to study at any place and at any time using modern technologies. This, unlike traditional education, reduces both time and costs, significantly developing the educational process. The advantages of using multimedia tools and interactive whiteboards in the classroom in secondary schools for students are: enriching students' impressions, increasing the speed of information assimilation; increasing teacher productivity and avoiding unnecessary costs; allowing for the implementation of laboratories through virtual laboratories: increasing the speed of learning and reducing time; teaching with more demonstrations in class, which contributes to a fuller understanding of the material and better memorization. Multimedia tools create the following conveniences in the lesson: a) perfect study of the lesson; b) eliminate boredom in the lesson and increase interest; c) save time and reduce costs; d) the object being studied remains in the student's memory for a long time and increases the possibility of application due to its proximity to practice. Using virtual laboratory work on a computer through multimedia tools. When performing virtual laboratory work on a computer, it is possible to perform a production or technological process using modern technical equipment. Under the supervision of a teacher, the student is given the opportunity to apply his knowledge in practice, demonstrate creative abilities, analyze the taught task, and make decisions during production. This allows the student to easily adapt to real situations. Using computer technologies to control student knowledge in assessing students. This system allows the student to achieve greater efficiency by allowing transparency and objectivity in controlling their knowledge. Using a computer to control students' knowledge allows the teacher to reduce the time spent on preparing tests. It creates conditions for free observation and objective assessment of the student during the testing process. Thus, the introduction of modern information technologies into the educational process creates a wide opportunity to create competitive specialists, significantly changing the criteria of the traditional education system. Modern information technologies are a convenient object for achieving high quality in education, helping to increase the student's broad thinking and creative abilities, and to prepare them for their application in practice without hesitation. By organizing lesson processes using information and communication technologies in general education schools, it becomes easier to achieve the goals set by the teacher for the lesson and for the student to master the lesson. This allows you to achieve a lot in a short time, increasing the effectiveness of the lesson. In the scientific and pedagogical literature in the field of education, technology, pedagogical technology, technological approach, technologization of

education, technological preparation are discussed, and various interpretations and definitions are given to them. First of all, it is advisable to know the meaning of the word "technology". The translation of the word "technology" from Greek means a science that systematizes a set of methods for processing raw materials and materials with appropriate production equipment and devices in order to obtain finished products, items. Perhaps that is why it is sometimes recognized as a science about the art of processing raw materials to obtain finished products, items, with "techno" - craft or art, and "logos" - science. It is intended to develop students' technical creativity, abilities, and thinking in technology lessons, to further strengthen vocational guidance by teaching them methods of processing various natural, metallic, and non-metallic materials based on technology during the lesson, to acquire knowledge, skills, and qualifications for vocational guidance in the basics of folk crafts, household science, and electrical engineering, and to form the ability to apply them in life. In order for students to fully master the science of technology, it is important to use advanced and modern teaching methods and implement new information and pedagogical technologies. In mastering the subject, it is important to use textbooks, educational and methodological manuals, handouts, electronic materials, virtual stands, and production models and models of machines in working condition, watch television and radio broadcasts on technology, perform learned work methods, study information in magazines and newspapers, use media tools to find terms related to technology, perform didactic tasks, use information sources (television, radio, audio-video recording, telephone); observe media culture when opening files. When we use modern information and communication technologies in the process of teaching this subject, when we show presentations using modern computer technologies in practical classes on the subject, students gain a deeper understanding and knowledge through viewing.

The main goal of teaching technology in general secondary educational institutions is to form competencies in students to apply the knowledge, skills and qualifications gained in technical and technological operations performed during technological processes in their independent practical activities, choose a profession, and enter into social relations based on national and universal values. The main tasks of teaching technology in general secondary educational institutions are: to study materials and their properties, characteristics, and information about technical objects and technological processes; to know special and general labor operations in technical objects and technological processes; to manage technological processes, to be able to apply special and general labor operations in practice; to form technical and creative thinking, intellectual abilities; The ability to analyze the sequence of technological processes and manufactured products and the quality of products; to draw conclusions about the performance of items and processes and to evaluate labor operations and product quality; to form and develop competencies related to basic and technological sciences in the implementation of work to consciously choose a profession. In our opinion, the use of information and communication technologies in technology lessons gives a very positive result. Because before, students were shown the process of making items one by one by the teacher during practical exercises in technology lessons, which was time-consuming and sometimes required the teacher to re-demonstrate. Today, video lessons of labor operations filmed using information and communication technologies are provided to students, allowing the teacher to easily control the work of students, and significantly increasing the level of knowledge of

students. Another important aspect of using information and communication technologies is that it provides students with the opportunity to develop various labor skills and establish vocational guidance through the demonstration of "Master Classes" conducted by qualified carpenters, locksmiths, cooks, tailors, and craftsmen in various fields.

We have already shown some of the uses of information and communication technologies in technology lessons. In conclusion, if information and communication technologies are widely used in technology lessons, students will develop the competencies to apply the knowledge, skills and qualifications acquired in technical and technological operations and operations performed during the technological process in their independent practical activities, choose a profession, and enter into social relations based on national and universal values, and the quality of technology education lessons will be effective.

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