Improving Teacher Skills Through the Use of Digital Technologies

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Abstract
This article presents the main methods of using digital technologies in modern lesson processes. The main directions of development for new digital technologies used in education have been studied, and forms of e-learning have been analyzed. The advantages of using digital technologies are listed. The diversity of cognitive aspects, types of approaches, basic concepts, and the structure of learning outcomes studied in modern education have been examined.

Introduction

The main directions of the development of new digital technologies used in the field of education have been studied, and in addition, the manifestations of e-learning have been analyzed. The advantages of using digital technologies are listed. The diversity of cognitive aspects, types of approaches, basic concepts, and the structure of learning outcomes studied in modern education have been considered.

Rapid changes in the world are leading to drastic changes in education. The world is now experiencing a leap into the digital age. The President's designation of 2023 as the "Year of Attention to People and Quality Education" also places demands on education. The application of modern teaching methods in the learning process plays an important role in this. Digital technologies are one of the directions of modern technologies.

The strategy for the development of education at the modern stage defines the directions of development not only in schools but also in supplementary education systems. The reform of modern education places new demands on the competence of pedagogical personnel. An active and creative thinking teacher is considered a guarantor of completing the assigned tasks. According to contemporary scholarly articles, we need new types of educators with the ability to adapt to the changes that continue to affect our lives. Digital technologies are one of the directions of modern technologies.

1. To study the main directions of development of new digital technologies used in education. The reform of modern education places new demands on the competence of pedagogical personnel.

An active and creative thinker is considered a guarantor of the completion of the assigned tasks. According to contemporary scholarly articles, we need new types of educators with the ability to adapt to the changes in our lives that still affect us.

A new information and educational technology is a process of preparing information for the learner through a computer. New information technologies in education are one of the main factors in personality formation.

Currently, the following types of new information technologies are developing: New information technologies in education are one of the main factors in the formation of personality.

Universal electronic technologies (text editors, graphics packages, database management systems, spreadsheet processors, expert systems, modeling systems, etc.)

Computer learning and control programs.

Multimedia program data.

Computer telecommunications tools.

Today, electronic computing technology is an integral part of the equipment in additional educational institutions. The use of digital technologies allows for a qualitatively new approach to education.

The use of computer programs solves a number of important tasks: The use of digital technologies allows for a qualitatively new approach to education.

- makes the educational process more visual;

- increases the effectiveness of answer evaluation;

- allows for an individual approach to learning;

- reduces the time spent checking students' knowledge.

The use of digital technologies creates new opportunities for conducting lessons. Teaching any subject based on digital technologies creates opportunities for students to think and increases students' interest in learning. Classical online test sessions with multimedia presentations allow students to deepen their knowledge. As the English saying goes, "I heard and forgot, I saw and remembered," or according to the Russian proverb, "It is better to see once than to hear a hundred times."

Electronic learning is divided into the following two types: Teaching any subject based on digital technologies creates opportunities for students to think and increases students' interest in learning. Classical online test sessions with multimedia presentations allow students to deepen their knowledge. According to the English proverb, "I heard and forgot, saw and remembered," or according to the Russian proverb, "It is better to see once than to hear a hundred times."

- assimilation and reception of knowledge transmitted through receptive audio means (overhead projectors, film devices, tape recorders, video recorders, television, etc.);

- interactive learning through the process of interaction between a computer and a person in dialogue mode, where the computer allows for extensive use of visual channels. Animation effects and the diversity of color palettes allow for maintaining attention during lessons for a certain amount of time.

The use of presentation programs creates conditions for students to feel more comfortable during classes. You can return to any presentation slide multiple times. MS PowerPoint software allows you to add sound files to each slide of the presentation. These audio files can include music,

allowing learners to relax, and additionally, the narrator's text files can fully explain the processes on the computer screen.

The use of digital technologies (electronic publishing, electronic textbook, electronic learning guide): You can go back to any presentation slide multiple times. MS Power Point software allows you to add sound files to each slide of the presentation. The functions of these audio files include music, allowing learners to relax, and in addition, the text of the speaker's file fully explains the processes on the computer screen.

- Electronic publishing (EP) - digital speech with graphic text, music video, photo, in addition to the compatibility of the user's printed documents. Electronic publishing can be published on any electronic medium, magnetic, optical, as well as electronic computer wires.

The educational electronic publication (EEP) contains aggregated material corresponding to the scientific and practical field of knowledge. It enhances students' creative thinking and ensures their active acquisition of knowledge and skills. The completeness, execution, and formation of information in EEP is considered the main requirement of the modern education system.

The educational electronic publishing house (U E N) contains aggregated material corresponding to the scientific and practical field of knowledge. It enhances students' creative thinking and ensures their active acquisition of knowledge and skills. It is considered the main requirement of the modern education system for the completeness, execution, and formation of information.

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