

# Advantages of Teaching English with the Help of Electronic Didactic Tools-Mobile Devices

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**Abstract:** The modern trend of information technology can be considered to be miniaturization of computing equipment, that is, the emergence of mobile devices. In particular, the characteristics of modern smartphones are no less than the computing characteristics of personal computers developed a few years ago, and in most cases even prevail.

This article reflects on the possibilities, advantages and convenience of new modern didactic tools entering the field of education with the development of digital pedagogy.

**Keywords:** Digital pedagogy, electronic didactic tools, mobile devices, mobile technologies, podcast.

## Introduction

Due to the rapid development of science and society, the active introduction of information and communication technologies in various fields of human activity, their lifestyle is changing dramatically. It is no secret that today information is rapidly becoming the driving force of society and the state. Modern information and communication technologies that allow collecting, storing, processing and transmitting information are considered to be one of the most important factors of competitiveness in the labor market, as well as a tool that ensures the efficiency of optimal management of all areas of human activity.

Vlogs by video bloggers, information and news of various publications through websites, increasing number of blogs related to various topics by bloggers, as well as social networks (Facebook, Instagram, YouTube, Telegram, Twitter) are becoming popular for many people today. are contributing to the future of the Internet, which is becoming a modern method of communication.

The rapid development of today's computer equipment and Internet technology and networks requires the use of cloud computing, which is intended to move from discrete device computing tools used in their practical and professional activities to integrated network (cluster) computing tools directly connected to the Internet. is doing.

The modern trend of information technology can be considered as miniaturization of computing equipment in terms of size, that is, the emergence of mobile devices. In particular, the characteristics of modern smartphones are no less than the computing characteristics of personal computers developed a few years ago, and in most cases even prevail.

The following can be noted as advantages of using mobile devices during the user's activities:

- mobile devices are usually equipped with rechargeable batteries capable of operating autonomously for long periods of time when disconnected from the power source, which is especially useful when a person needs to use mobile devices while moving from one location to another or when there are problems with electricity. comes;
- the compact size and sufficiently small size of mobile devices allows them to be easily and conveniently moved from one place to another, as a result of which they can be used anywhere and at any time;
- due to the fact that the price of mobile devices is somewhat lower than the price of computers, the trend of their wide distribution among all segments of the population, especially among students and young people, is evident;
- usually, in the base (basic) configuration of modern mobile devices, there is an opportunity to access the Internet using Wi-Fi or through mobile network operators.

With the help of modern mobile devices, it is possible to connect to the Internet at any time and from anywhere, as a result of which and due to its widespread use, the priority in the process of training students in the field of education is changing from the principle of "acquiring knowledge is important" to the principle of "having access to information is more important".

According to E.S. Tuzhikova, the implementation of the idea of modern education requires the development of special teaching methods and organizational forms that ensure the transition from the mechanical assimilation of factual knowledge to the skills of independent assimilation of new knowledge, using the methods of presenting educational materials and informational interaction technologies. [8].

Foreign scientists V. A. Kuklev, V. S. Titova, S. Veksler and others have shown the pedagogical features of mobile education in their work. A.V. Kudryavtsev, analyzing theoretical developments and practical projects for the implementation of mobile education, noted the following advantages: the availability of education, the organization of the educational process outside the auditorium of the educational institution; individualization of education helps to take into account the individual characteristics of students and to understand the strengths and weaknesses of students; visual teaching, active use of interactive and simulation visual aids in English language classes ensures: education not only in the audience, but also for people with disabilities; does not require the purchase of computers and printed educational literature (textbooks, training manuals and other literature), that is, it is considered economically effective; modern wireless communication technologies (Bluetooth, Wi-Fi, 4G, H+) can enable quick exchange of educational materials;; by providing information in a multimedia format, it helps to better learn and remember the material and increase interest in the educational process.

D.V. Pogulyaev, while analyzing the current state of using mobile learning technologies in the educational process, said that currently they rely on models such as traditional education, mobile education, mixed education [6].

## Main Part

Today, along with modern education (Web 3.0, virtual educational environments, online training courses, cloud, etc.) technologies that are widely used in the educational process, mobile technologies are one of the modern trends in the development of information and communication technologies, and the following are noted as their advantages [7 ]:

- classrooms equipped with special computers are not required for the organization of educational activities (lecture, practical and laboratory, as well as independent education) on the studied subject using the educational resources placed on the network and stored in it;
- it will be possible to use them at any place and at any time according to the user's wishes;
- there is no need to organize independent education through a stationary computer, it can be done anywhere and anytime with Wi-Fi or Internet access;
- it is possible to find the necessary information instantly;;
- to be able to organize the performance of given educational tasks on the basis of mutual cooperation between students and teachers;
- economic efficiency (increase in jobs, lower price of mobile devices compared to computers and laptops);
- increase in students' motivation to study the studied subject and its educational materials [9].

The positive impact of mobile devices on the educational process can be seen when working with podcasts as an example. A podcast is a method of organizing information on a topic in the form of audio or video on the Internet.

Podcast technology was initially widely used in educational institutions, including higher education institutions, in the process of teaching foreign languages, including English, and is currently gaining momentum [2, 4, 5]. The main didactic functions of the podcast in organizing and conducting classes are: communicative (ability to express and justify your point of view); demonstrability and integrativeness (being able to partially and completely perceive the studied object, understand the perceived educational content); informational (working with informational processes, that is, being able to store, collect, process and present it to the consumer in the

required form); management (education management); educational (finding and acquiring new knowledge); re-developer (developing the skills and competencies of working with information, as well as creative potential of learners); control (being able to control the activity of students asynchronously); interactivity (interaction between subjects of the educational process); organizational-optimization (choice of forms and methods of teaching, differentiation and individualization of teaching); motivational and activation (use of original, non-standard versions of content presentation); flexibility (supporting favorable conditions for the educational process [3].

According to S.S. Arbuzov, the use of podcast technology in teaching computer networks gave the following opportunities: individualization of education; activation of educational activities of learners; interactivity of teaching; saving time spent on explaining theoretical material and features of using technologies related to design, creation and configuration of computer networks; more demonstrative and diverse forms of presentation of educational material; creating a comfortable learning environment [1].

## Conclusion

Based on the above analysis, we can draw the following conclusions:

Rapid development of information and communication technologies, formation of a system of teaching methods based on mobile technologies and application of English language in classroom and non-auditory classes, especially in independent education, is considered one of the urgent issues today.

Due to the possibility of continuous use of the educational resource, ensuring the continuity and integrity of the educational process, improving the quality and efficiency of the training due to the rapid exchange of feedback, and providing educational services that ensure the speed of the teaching quality, etc., provide the need to use mobile technologies in the teaching of English.

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