



The Use of Computer and Developmental Educational Technologies in the Development of Phonetic Competence of Students in the English Language

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Abstract: *In this article, computer and developmental educational technologies in the development of phonetic competence of students in English their use means of teaching correct pronunciation various programs and autentic video courses are considered.*

Keywords: *pronunciation, language, norm, phonetics, syllable, sound, verbal, multimedia, colloquial, imitation, perception.*

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When teaching pronunciation, two main approaches are used: imitation and analytical-imitation. Proponents of the imitation approach consider mixing the sounds of the studied language with the sounds of the native language to be the main cause of the phonetic errors of the audience. In their opinion, normal pronunciation can be achieved only by teaching the correct perception of audible sounds, without filtering them through the norms and rules for pronouncing native language sounds. The analytical-imitative approach combines the principles of the imitative approach with the existing descriptions of articulation, syllable and phraseological accents, intonation, etc. If we talk about the use of computers in teaching phonetics, then with their help it is possible to formulate:

hearing ability to distinguish sounds in a foreign language;

articular pronunciation skills;

rhythmic-intonation pronunciation skills.

When working with the computer program "Sanako Media Assistance", three types of exercises are used in the process of practicing pronunciation:

1. Exercises of the "stimulating repetition" type. They allow the trainee to repeat the phrase several times after the speaker. These expressions have a graphic appearance on the computer screen and depending on the graphic image of the speaker's phrase, the student can correct its pronunciation.
2. Exercises of the "question and Answer" Type. The trainee listens to the Speaker of the program, gives him a verbal answer, compares the correct answer with the graphic image of the answer, answers and compares again (this is done three times)

3. Exercises aimed at self-correction have something in common with exercises of the “*question and answer*” Type. The educator, having listened to the question twice, corrects himself a double mistake after the speaker's answer.

“Professor Higgins. English without an accent” is the most popular computer system designed to train and improve the skills of distinguishing sounds in English. The English Phonetics course is understood here as a correction of pronunciation in accordance with a specially developed system of graphic display of sound on the monitor screen. The sound parts of the word – the choice of phonemes, the ability to see clear errors, correct them during training, allow you to master the English pronunciation adopted by BBS, which is considered the norm of speech on English radio and television. In the educational system “**OxfordPlatinum**”, the course “phonetics”, consisting of five courses, contains theoretical materials on phonetics, practical exercises for practicing pronunciation, intonation and speed of speech. All this is allocated in the sections “sounds”, “syllables”, “accents”, “rhythm” and “intonation”.

To teach phonetics, you can use the interactive English course “**Communication skills Simulator**” and the colloquial book “**Digital publishing**”. This course is taught by a virtual teacher who communicates with students in English. This course creates a universal Dictionary of colloquial lexicon that helps to pronounce and hear words. The student manages programs and exercises using voice. This program includes more than 10 thousand different exercises: training (for listening to speech or teaching pronunciation), for replenishing vocabulary, for improving grammatical skills.

The computer multimedia system has a special module for working on the pronunciation “**Reward Inten@tive**”. The program offers several options for self-control during pronunciation training: recording and listening to the student's voice, visualization of pronunciation and speech recognition.

In the educational system “**Talk to Me**” of the company “AURALOG”, three stages are used to develop the correct intonation of words and phrases spoken by the student: listening, repeating and memorizing. All listener error are visually reflected in the computer display screen.

There are special phonetic training programs that teach to write transcription (for example, the program “Phonetic Transcriber”), to visualize pronunciation, the behavior of articulatory organs, to analyze and present speech in the form of spectrograms (for example, the spat-training program “Speech Pronunciation and Training”) (Computer Programming dlya obucheniya. Elektronniy resource: computer software dlya obucheniya (infopedia.su). Data abratsheniya: 20.12.2022.).

The use of autentic video courses helps to work with videos. They help model situations in which language learning takes place in the cultural environment of native speakers. In the process of dramatization, students learn the methods of communication in English, master the rules of speech etiquette, learn to be speech partners. For example, such autentic video courses as “Muzzy in Gondoland”, “Follow me”, “BBC Essential English Guide to Britain”, “Family Album, USA”, “Everyday conversation in English”. It is also possible to use multimedia tutorials such as the “Angylsky bazovy course”, “English Course”, “Oxford Platinum” and “Angylsky”, “three English language”, “Bridge to English”, “Way ahead”, “Macmillan English Dictionary Macmillan Essential Dictionary” (Sovremennye tehnologii obucheniya anglyskomu yaziku. Elektronniy resource: Sovremennye tehnologii obucheniya anglyskomu yaziku (ext.spb.ru). Data abratsheniya: 20.12.2022.).

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