Electronic Mobile Applications for Dyslalia Speech Deficiency Essential Disposal

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Abstract:

In this article, the elimination of dyslalia speech defects using modern technologies and mobile applications was highlighted. Electronic tools accelerate the process of faster elimination of speech defects and open the way to new possibilities in the fight against dyslalia.

Keywords: Dyslalia, electronic mobile applications, special speech therapy, speech therapy application, speech therapist, child.

Dyslalia is a speech disorder in which a person has difficulty pronouncing certain sounds or syllables correctly. This is manifested in the form of replacing sounds, omitting them, mispronouncing them or putting an extra sound. Usually, dyslalia appears in children during the development of speech, but if not treated in time, it can continue even in adults. Speech therapy is often used to improve this condition.

The ability to eliminate dyslalia on the basis of mobile applications is a very convenient and effective method today, which is a great help for children and adults who have speech problems. These applications help to improve the development of speech, improve pronunciation and eliminate speech disorders. As an example, we can cite many recommendations and applications.

1. Special speech therapy applications

These apps focus on specific sounds and pronunciation problems and provide the user with clear instructions and practice exercises.

Articulation Position: Offers a comprehensive set of exercises to strengthen speech sounds. Users can choose sounds that are difficult for them and learn through interactive exercises.

Speech therapy app: This app turns pronunciation exercises into games for kids, encouraging them to improve their speech.

2. Applications based on artificial intelligence

Artificial intelligence technologies analyze the speech, identify the sounds that the user mispronounced and show ways to correct them. For example, the app shows the user where they are making mistakes in their pronunciation and teaches them how to pronounce the sounds correctly. This is especially useful for those who are learning new sounds.

3. Game-based learning

Applications combining speech exercises with games increase motivation and make the learning process interesting for children and adults.

1. Application (Speech blubs:) is designed for children and helps to develop children's speech through various games and interactive videos.

2. Application (Endless reader) An application that helps to recognize letters and pronounce words correctly.

3. Application (Elsa speak) This application analyzes the user's pronunciation and tells which sounds should be improved. Exercises are conducted interactively using voice analysis.

Lessons and tips:

Many apps offer tips for parents and teachers so they know how to help their child's speech.

APP (IName IT:) This app provides parents with simple and effective exercises to improve children's speech at home.

The use of modern technologies can be very effective in eliminating the dyslalia speech defect. Here are some ways and examples:

Mobile Apps: There are various mobile apps that help in speech development. For example, apps like Speech Blubs and Articulation Station help kids learn to pronounce words correctly.

Online training: With the help of online lessons and training conducted by experts, you can improve your speech. In this method, there is an opportunity to develop skills through interactive materials and video lessons.

Virtual Reality (VR): Using VR technologies, the experience of learning speech can be interactive and fun. Children can feel themselves in different situations and practice speaking skills.

Programs for speech therapists: Programs designed for speech therapists, such as the Tactus Therapy program, provide a variety of exercises and interactive materials to help address the problem of dyslalia.

Video and audio materials: Children can strengthen their speaking skills through video and audio materials available on online platforms (YouTube, podcasts, etc.).

Games and interactive programs: Teaching methods through games, such as learning pronunciation using interactive programs, can be fun and effective.

By using these technologies, more effective results can be achieved in the elimination of dyslalia problems.

Interactive cartoons and educational programs: Children can develop speaking skills through cartoons and educational programs that teach pronunciation in a fun way.

Of course, we can provide additional ways to eliminate the dyslalia speech defect:

Role-playing: Encourage children to practice speaking skills through role-playing and role-playing.

Speech-stimulating environment: To encourage children's speech, involve them in various learning environments, such as kindergarten or school, to participate in social activities.

Audiobooks and educational podcasts: Giving children opportunities to listen and learn through audiobooks or podcasts that develop speech on a variety of topics.

Early Aids: Improve children's practical skills with aids for speech development, such as audio recordings and guides to practice pronunciation.

Group Activities: Encouraging interaction with children through interactive group activities.

Dyslalia is a speech disorder in which a person pronounces words incorrectly. There are several ways to overcome this:

Special exercises: Learning oral exercises to improve pronunciation. These exercises are used for the tongue, lips and other organs.

Working with the audience: Working with a specialist, taking classes with a speech therapist. They provide an individual approach.

Hear Pronunciation: Hear and repeat high-quality pronunciation. It helps in self-education.

Videos and Apps: Practice through dedicated mobile apps or online videos to improve your pronunciation.

Audio books: Audio books help you pronounce words correctly by listening.

Fun activities: Make the process of learning pronunciation enjoyable through games or fun activities.

Self-monitoring: Recording and listening to one's own speech to identify mistakes.

A combination of these methods can be effective in dealing with dyslalia. Everyone's needs are different, so it's important to choose the methods that work best for you.

There are many methods of logopedic treatment of dyslalia, and they are chosen according to individual needs. Here are some basic methods:

Speech analysis: The speech therapist first analyzes the patient's speech, its characteristics, pronunciation defects and difficulties are determined. This first step is very important.

Pronunciation exercises: Improve pronunciation with special exercises. These exercises will focus on the tongue, lips, jaw and vocal organs. For example, repeating special words or making sounds.

Voice and intonation work: conducting special exercises to improve the sound, rhythm and intonation of speech. It also helps to pronounce words clearly and fluently.

Listening and auditory memory: Exercises to hear words correctly and repeat them. This in turn improves pronunciation.

Fun games: Make the process of learning pronunciation fun through games and interactive activities. It can be very effective for children.

Reading and writing activities: Reinforce pronunciation by writing and reading your own words. Special speech materials and methods can be used for this.

ocal Exercises: Exercises that teach voice production and control, which improve voice quality and pronunciation.

Individual approach: creating an individual program for each patient, according to their needs and difficulties.

These methods are used in the process of speech therapy and are adapted according to the needs of patients. Patience and regularity are very important in the treatment process. Of course! Additional ways to eliminate dyslalia through modern technologies:

Pronunciation Machine: Some programs record children's voices and analyze their pronunciation. For example, programs such as Speech Ace allow children to track and improve their pronunciation.

Interactive programs: Interactive programs that help develop speech (such as "Zubits" or "Articulate It!") offer children fun and challenging exercises.

Podcasts and Audiobooks: Children can learn proper pronunciation and intonation by listening to podcasts or audiobooks that help them learn to speak.

Texts and learn pronunciation, for example, using Speech Recognition technology, help children learn to pronounce words correctly.

Social Networks: In groups and platforms on social networks created by speech therapists and experienced professionals, children can share their experiences and get advice.

Toys and interactive devices: For example, interactive books or sound toys make learning pronunciation fun and inclusive for children.

Analysis software: AI-based software, such as Speak Clear, analyzes children's speech in real time and provides feedback to users about errors.

Through these methods, modern technologies can effectively help in eliminating dyslalia. It is very important to choose the appropriate method for each child and a systematic approach.

STUDY GUIDELINES FOR ADAPTATION:

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