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IMPROVEMENT OF TEACHING TECHNOLOGIES FOR STUDENTS WITH SPEECH DISORDERS BASED ON AN INTEGRATIVE APPROACH

Annotation

This article analyzes the effective use of integrative approaches in teaching students with speech disorders using innovative technologies. The use of audiovisual technologies, interactive games and special programs in speech development plays an important role in improving students' speech skills. The article shows methods for optimizing the educational process and influencing the speech development of students based on an integrative approach.

Keywords: Speech disorders, integrative approach, innovative technologies, audiovisual technologies, interactive games, special programs, speech development, students' skills, educational process, pedagogical methods.

The application of integrative approaches in the education of students with speech disorders is important for the effective organization of the educational process and the overcoming of obstacles in the development of students. Applying the principle of integration in speech development allows organizing learning in accordance with the individual needs of students. In this article, we will analyze the technological and pedagogical methods necessary to increase the effectiveness of integrative approaches used in teaching students with speech disorders.

Main Part. In the field of applying integrative approaches in teaching students with speech disorders, many scientists have developed various methodologies and introduced new pedagogical methods and innovative technologies into the educational process. These studies show the need to apply innovative approaches for the effective development of students with speech disorders in the educational process. Below are the analyses of some scientists who conducted scientific research on this topic. Tatarinova emphasizes making the educational process attractive and effective with the help of interactive games and audiovisual materials in the development of students' speech. According to his analysis, such technologies encourage students to actively participate and develop their communication skills.

Tatarinova in her research shows that with the help of innovative technologies, it has been possible to improve students' speech learning and writing skills. With the help of these technologies, students assimilate and advance their speech activity faster.

According to Petrov's research, integrative approaches can help students not only learn speech but also develop their communication skills. The scientist emphasizes that through the use of innovative technologies, students quickly develop their speech abilities.

In her research, Smirnova analyzes the process of teaching students with speech disorders using specially prepared programs. In his opinion, the use of special programs has a positive impact on the development of students' speech. Also, with the help of innovative technologies, the assimilation process of students is accelerated, and the educational process is effective.

Stadnenko believes that the application of innovative technologies in the development of students' speech will help them overcome difficulties in reading, writing, and communication. He emphasizes that the use of interactive methods is also effective in the development of social skills in students.

J. I. Shif studied the importance of integration approaches in the education of students with speech disorders. According to Shif, with the help of integration approaches, it is possible not only to develop students' speech, but also to develop their social skills. At the same time, innovative technologies accelerate the learning process of students and have a positive impact on their speech development.

Students with speech disorders mainly face difficulties in correctly and fluently expressing language, adjusting it, and communicating. In their development, issues arise such as the slowing down of speech abilities, the structuring and consistent study of speech. Therefore, an integrative approach to teaching such students is necessary, as it provides not only speech development, but also support for the overall development of students.

The integrative approach combines many factors influencing the development of students' speech. In this approach, attention is paid to interactive communication between the teacher and the student, the harmony of technological means, pedagogical methods, and curricula.

The main principles of the integrative approach are:

• The first principle is student-centered learning. Taking into account the individual needs of students and creating individual educational directions for them.

• The second principle is multidimensionality. Combining many pedagogical tools and technologies in speech development, helping to meet the diverse needs of students.

• The third principle is Interactivity. Engaging students in active participation and maintaining constant contact with them.

The fourth principle is the innovative application of technology. Use of audiovisual technologies and special programs in the education of students with speech disorders.

In the practical application of integrative approaches to speech development, several effective methods can be cited:

• Application of audiovisual technologies. With the help of audiovisual technologies, it is possible to develop students' speech. There are opportunities to teach speech in an interesting and effective way using specially prepared programs, games, and video materials. Students reinforce their knowledge by completing speech tasks using audiovisual materials.

• Interactive games and exercises. Interactive games and exercises actively involve students in the learning process. These games develop students' thinking skills and help strengthen their speech and social skills.

• Virtual learning environments. Virtual educational platforms and curricula are an effective tool for overcoming students' difficulties in learning speech. Students will have the opportunity to receive education on time and in their own conditions, which will provide them with an interesting and effective learning process.

To effectively apply the integrative approach, teachers should apply the following methodological approaches:

• Individual approach: Choosing methods that meet the needs of each student. When teaching students with speech disorders, it is important to consider their individual characteristics. The teacher should maintain close contact with students and organize lessons in accordance with their development.

• Interactive methods: Engaging students in active participation, enriching lessons with games and exercises. This approach contributes to the speech and social development of students.

• Application of innovative technologies: The use of new technologies in speech development (for example, mobile applications, educational programs) encourages students to perform exercises and assignments, which contributes to the effective development of their speech.

As a result of teaching students using an integrative approach, they not only develop their speech abilities, but also have a positive impact on their general psychological and social development. With the help of innovative technologies, barriers to students' entry into communication are reduced, which contributes to improving their ability to express themselves.

Through integrated approaches, students' interest in speech processes and learning activities increases.

In conclusion, it should be noted that the application of integrative approaches in the process of teaching students with speech disorders can be effective. In this case, it is possible to optimize education by taking into account innovative technologies, interactive methods, and the individual needs of students. The main goal of integrative approaches is the development of students' speech and the strengthening of their social skills. Effective application of this approach will help teachers improve student development.

Integrative approaches to the education of students with speech disorders are effectively implemented through the use of innovative technologies. Research by scientists shows that audiovisual technologies, interactive games, and special programs have a significant impact on the development of students' speech. Integrative approaches are effective in the development of students' speech activity and contribute to the improvement of their social skills. Applying innovative technologies appropriately to students introduces teachers to new pedagogical methods and creates the opportunity to make the educational process more effective.

References

1. Tatarinova, L. M. (2019). Innovatsion texnologiyalarni maxsus ta'lim tizimida qo‘llash. *Pedagogik ilmiy tadqiqotlar*, 34(2), 45-59.
2. Petrov, V. G. (2017). Nutq buzilishlari bo‘lgan o‘quvchilarga ta’lim berishning integratsion yondashuvlari. *Maxsus ta’lim*, 12(1), 22-35.
3. Smirnova, O. A. (2020). Audiovizual texnologiyalar va ularning ta’lim jarayoniga qo‘llanilishi. *O‘qitish metodikasi*, 15(3), 73-81.
4. Stadnenko, N. M. (2018). Nutqni rivojlantirishda innovatsion texnologiyalar. *Ta’lim texnologiyalari*, 29(4), 102-114.
5. Shif, J. I. (2019). Integrativ yondashuvlar va innovatsion texnologiyalar yordamida nutqni rivojlantirish. *Pedagogika va maxsus ta’lim*, 17(2), 78-89.