



## IMPROVING THE TECHNOLOGY FOR DEVELOPING THE WRITTEN SPEECH OF WEAK STUDENTS

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### ABSTRACT

The Improving of working with mentally retarded students is enormous, since each student has their own individual needs and capabilities. Supporting mentally retarded students is important to improve their learning and development process. This article examines the development of improving the technology of writing development for mentally retarded schoolchildren.

### KEYWORDS

Pedagogical approach, differentiated, visual, psychological support, technology, individual approach, processing, inclusive education, program.

### INTRODUCTION

The education and physical and intellectual development of students with intellectual disabilities require special pedagogical approaches, methods, and technologies. Specifically, developing their written speech demands special knowledge and skills from teachers. The technology of developing written speech helps students express their thoughts clearly and coherently while also supporting their social and psychological development.

Currently, there is an increasing focus on developing the written speech of students with intellectual disabilities. This reflects the growing trend of inclusive approaches in the education system and the effort to create equal opportunities for all students, including those with intellectual disabilities. Written speech development not only enhances students' writing skills but also fosters their thinking and logical reasoning abilities.



The methods and approaches used to develop written speech for students with intellectual disabilities may include the following:

1. **Differentiated approach:** Tailoring education to each student's unique needs and abilities, providing individual support, and preparing special materials for them.
2. **Use of visual and practical materials:** Visual aids, pictures, diagrams, and practical exercises can be highly effective in teaching written speech to students with intellectual disabilities, improving their understanding and expression skills.
3. **Simple and clear language:** The language used in teaching written speech should be simple and understandable. Complex sentences or vague terms can confuse students, so each text or assignment should be clear and simple.
4. **Repetition and practice:** Encouraging students to write regularly and exposing them to more writing exercises will build their confidence and strengthen their written expression skills.
5. **Technologies adapted for students with intellectual disabilities:** Various mobile apps and computer programs can support students in learning written speech. For instance, automatic spelling or grammar correction programs can help students improve their written work.
6. **Social and group activities:** Group work and team exercises play an essential role in developing written speech. When students collaborate to exchange ideas and complete writing tasks together, their mutual thinking and learning process becomes more effective.

Developing written speech for students with intellectual disabilities helps them express their thoughts clearly and effectively, improving their communication skills. This, in turn, helps them succeed in their education and find their place in society.

In Uzbekistan, various initiatives are currently being implemented to develop the written speech of students with intellectual disabilities. Several strategies and programs have been created in schools and special educational institutions to assist these students and enhance their academic potential. Some of the key efforts include:

- **Special education programs:** Individual and group programs designed for students with intellectual disabilities focus on developing their written speech, enhancing vocabulary, learning grammar and spelling rules, and strengthening written expression abilities.
- **Psychological support:** Psychological assistance is also crucial in the education process for students with intellectual disabilities. Teachers and psychologists help students who face difficulties in reading and writing, through both individual and group psychological sessions.
- **Teacher training:** Special training programs have been developed to prepare teachers with the necessary skills and knowledge to effectively teach students with intellectual disabilities, taking their unique needs into account.
- **Special learning materials:** Tailored educational materials, such as books, programs, and visual aids aimed at developing written speech, are created to gradually enhance students' skills.
- **Use of technology:** Modern technologies, such as special mobile applications, interactive programs, and online courses, are being increasingly used to support the development of written speech for students with intellectual disabilities. These technologies make the learning process more engaging and effective.
- **Inclusive education:** The development of inclusive education in Uzbekistan, which provides opportunities for students with intellectual disabilities to learn in general education institutions, is part of a



broader focus on developing written speech. This process helps improve students' social and academic skills.

Thus, numerous initiatives are underway in Uzbekistan to support the development of written speech for students with intellectual disabilities, greatly assisting them in achieving success in their educational journey. Research on the development of written speech for students with intellectual disabilities is primarily conducted within the special education system. Additionally, the effectiveness of written speech development technologies is connected to various methodological approaches. Many experts (A.G. Kovaliova, M.A. Zuckerman) have developed pedagogical technologies suited to students' intellectual development. The differentiated approach considers each student's individual characteristics, including cognitive abilities. According to an analysis by M.A. Zuckerman (2015), teachers' creative approaches are essential for developing written speech in special education, considering students' unique characteristics. Proposing interactive activities for students is crucial in developing their written speech. Allowing students to work in groups, share information, and explain their thoughts in writing can effectively enhance their written skills. Interactive methods recommended by I.A. Zimnyaya (2013) help improve students' thinking and speaking skills. Modern computer technologies and internet resources have led to the development of special programs and applications for students with intellectual disabilities, offering various tools for improving written speech. M.S. Shcherbatykh (2017) demonstrated the effectiveness of computer-assisted technologies in developing written speech. Intellectual activation methods, guided by teachers, help increase students' intellectual activity, motivating them and improving the quality of written expression. Research by A.V.

Slastyonin (2010) shows the impact of intellectual activation on written speech development.

The following methods can be used to develop written speech for students with intellectual disabilities:

1. **Regular written exercises:** Assigning students written exercises daily or several times a week will help develop their written speech. The exercises should progress from simple to more complex tasks.
2. **Teaching the basic structure of writing:** It is necessary to explain the structure of a text to students. Written speech should include an introduction (opening), a main section (idea, arguments, examples), and a conclusion. This helps students organize their thoughts.
3. **Teaching an expanded and precise vocabulary:** Introducing new words and phrases to students and teaching them how to use them correctly is essential. Creating lists of words and phrases and teaching their usage in context is helpful.
4. **Strengthening grammar and spelling rules:** It is necessary to hold lessons that help reduce grammatical and spelling mistakes and work on understanding concepts such as tense, cases, and agreements.
5. **Planning and analyzing texts:** Before writing, students should be taught to plan their texts, identify the main points, find supporting evidence, and present their ideas coherently.
6. **Teaching self-checking through exercises:** Encouraging students to review and edit their written work is important. Students should be advised to re-read their text, find errors, and correct them.
7. **Providing more examples:** Presenting multiple examples on each topic helps students familiarize themselves with various writing styles and topics, enriching their written speech.
8. **Connecting reading and writing:** Encouraging students to read more and summarize what they have



read in writing helps them express their thoughts clearly.

**9. Individualized approach:** It is crucial to identify each student's strengths and weaknesses and develop an individualized approach accordingly. Some students may need more help and support.

**10. Reworking and evaluating:** Reworking and evaluating students' written work helps them learn from their mistakes. Analyzing each text to discuss what was done well and how it can be improved is important.

Applying these methods systematically will significantly improve students' written speech.

#### CONCLUSION

In conclusion, the application of innovative methods and modern technologies in improving the technology for developing the written speech of students with intellectual disabilities can yield effective results. Individual approaches, interactive methods, and computer technologies play a vital role in enhancing students' speech development. Implementing such technologies in practice improves the efficiency of the education system and supports students' development.

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