

Creating Materials on the Basis of an Integrated Approach to English Language Teaching for Blind Teenagers

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Abstract: *This article devoted to the development and implementation of materials based on an integrated approach to teaching English to the visually impaired and the blind. It envisages collection and selection of data, and creation of manuals to facilitate the learning process of English language for blind youngsters.*

Keyword: *typhlopedagogy, manual, English language, blind youth, inclusive education, integrated approach, platform.*

On January 12, 2022, the President of the Republic of Uzbekistan Shavkat Mirziyoyev adopted Resolution PD-80 on the Accession to an International Treaty". In accordance with the resolution, Uzbekistan joined the Moroccan Agreement on facilitation of the use of published works by the blind, people with visual impairment, and other disabilities in print information in Uzbekistan (June 27, 2013, Morocco). It is clear that while mastering English is important for visually impaired students, there is a great need to create a variety of materials for their learning. In this case, an innovative approach to education and the use of integrated teaching methods of language teaching are important. Therefore, it would be convenient to create modern manuals for the blind to learn English through various fundamental, practical and innovative projects. Increasing visually impaired users' vocabulary in English; having enough information about the spelling of English words in the dictionary; developing the ability to listen to and understand a variety of texts in English and to write them down independently; not only increasing the vocabulary of the blind in English, but also helping to shape their speech by the help of technical tools such as audio dictionaries, platforms, mobile applications, developed as part of projects are the primary objectives of the project. Besides, the creation of a platform for integrated English language teaching for the visually impaired and the blind, a set of English textbooks based on the Braille alphabet, its audio product and program guidelines create the basis for development among young people. In addition, rehearsal tests will be developed to reinforce the visually impaired students' English language skills. Based on the developed materials, English language learners will be able to master English without any problems. The following great results are achieved by the help of materials created for the blind to learn English:

- ✓ the vocabulary of English will be increased, first of all, for visually impaired users by the help of the prepared audio dictionary;
- ✓ there will be enough information about the spelling of English words in the dictionary;
- ✓ listening comprehensively various texts in English, as well as the ability to write these texts on paper independently;

✓ shaping the learners' speech, as well as their vocabulary stock

Moreover, the creation of various levels of textbooks and e-learning resources for the integrated skill instruction for blind students is of much importance. This, in turn, makes it easier for visually impaired learners to integrate English and develop language skills.

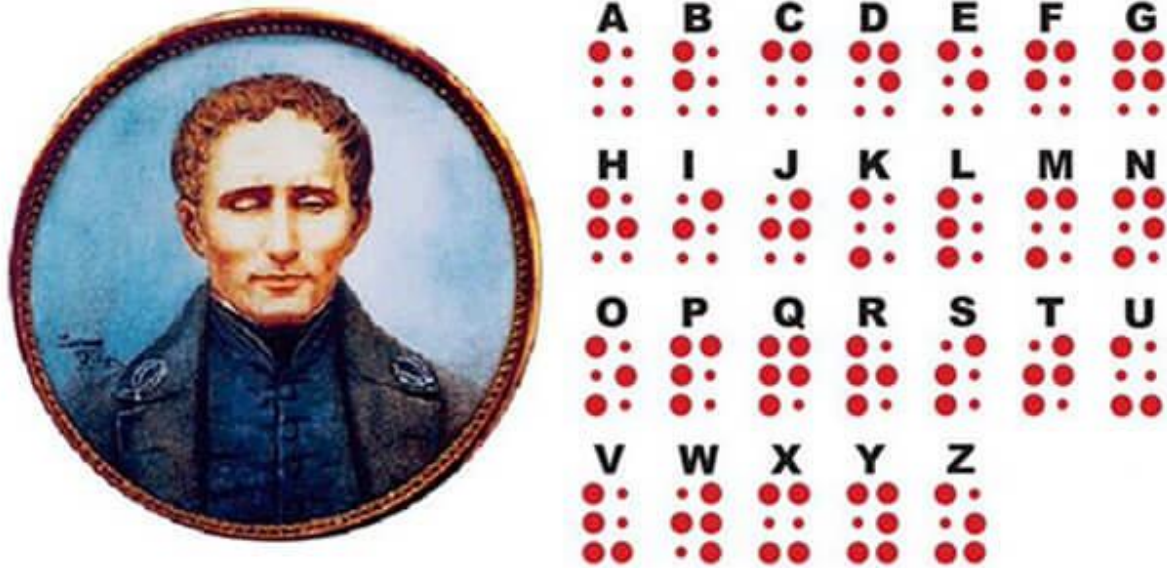


Figure 1. Braille Alphabet (Latin)

It should be noted that there is a great need to create a variety of materials for the education of the visually impaired and the blind. Therefore, the following research activities are planned to be carried out by professors of the Research Center "Pragmalinguistics, Functional Translation Studies and Language Teaching Processes" of the Department of English Linguistics of Bukhara State University in the framework of this project:

- Creation of the audio manual "Spelling audio dictionary" for the visually impaired and visually impaired learners, who study in the Society of the Blind and specialized state educational institutions;
- Creation of innovative textbooks that combine an integrated approach to inclusive education, modern methods;
- The structure of rehearsal tests;
- Carrying out scientific researches of the visually impaired students studying on a bachelor's degree in this direction, carrying out of qualifying and pedagogical practices in the 24th specialized state educational institution;
- Visually impaired students studying for a master's degree should conduct their own research in this area, conduct scientific and pedagogical internships;

- Doctoral students with visual impairments and independent researchers to conduct research, experiments, write their dissertations on this topic.

The development of this field will be facilitated by the development of audio manuals for the visually impaired and the blind, designed to teach English words literally. In addition, the creation of integrated learning platforms and mobile applications for the Android system, which include an electronic view of all resources, is also useful. The platform includes technological educational resources such as textbooks, guidelines, tests based on different levels of English language proficiency; it is advisable to regularly replenish useful resources with electronic forms. The right to intellectual property acquired by the subjects of scientific and scientific-technical activities carried out at the expense of the State Budget of the Republic of Uzbekistan under various projects on behalf of the state scientific and higher education, as well as other state institutions belong to the state and will be used by professors and teachers to conduct practical classes in a well-equipped room with the necessary technical and technological means to implement the project.



КИРИЛИЦА

Figure 2. Braille Alphabet (Cyrillic)

Studies from 1990 to 2015 showed that more than 200 million people had moderate to severe visual impairment. That number will exceed 550 million by 2050, according to an article in the medical journal *Global Health*. It is estimated that by 2050, the number of blind people in the

world will increase from the current 36 million to 115 million. According to the report, the number of blind and visually impaired people will reach 38.5 million by 2020, and this number will increase to 115 million by 2050. In this case, an innovative approach to education and the use of integrated teaching methods of language teaching are important.

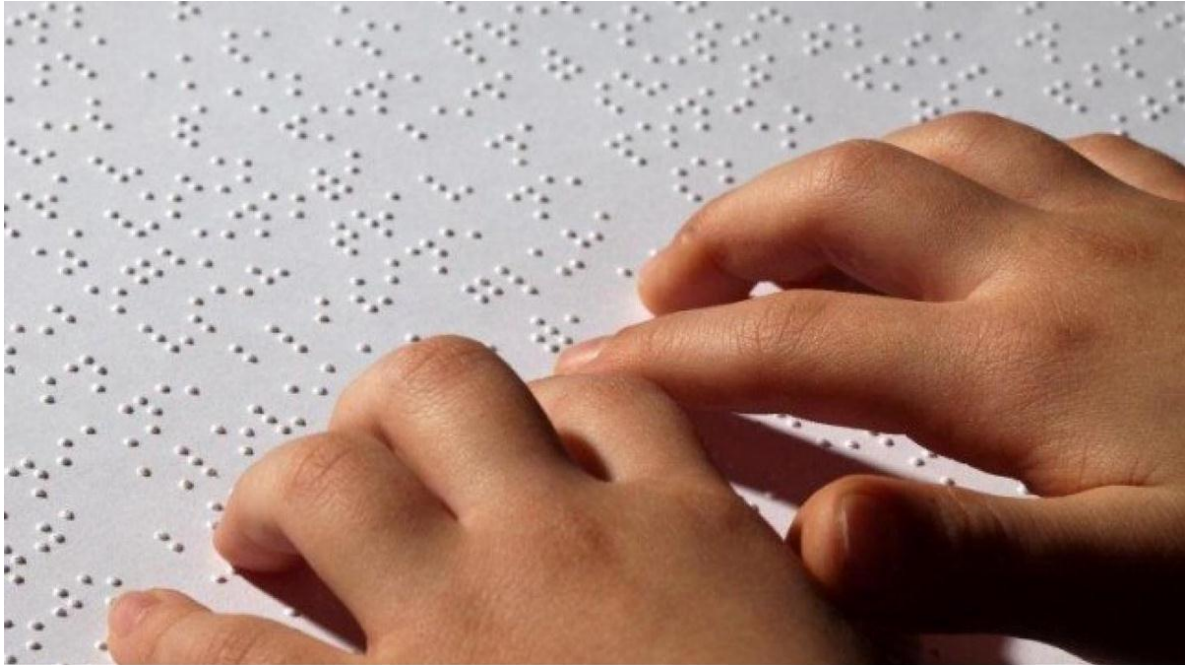


Figure 3. A book based on the Braille alphabet

Regarding the Presidential decree № 3855 of July 14, 2018 in the Republic of Uzbekistan "On additional measures to increase the effectiveness of commercialization of the results of scientific and scientific-technical activities" the creation of materials for learning English for visually impaired and blind language learners in inclusive education is society's necessity.

The lack of books and teaching materials in Braille, which includes integrated skills, a number of problems in the usage of the techniques by blind learners to learn English in an integrated manner from modern technologies, inconvenient platforms, and mobile applications require that all professors, teachers and professionals should be vigilant and solve the problem working hard.

As a result of a number of presidential decrees and reforms in Uzbekistan, the field of learning and teaching foreign languages has been renewed on the basis of foreign experience and has undergone significant changes. Since 2013, the teaching of foreign languages in accordance with European standards has been introduced. National certificates of knowledge have been created, textbooks, platforms and mobile applications have been created to facilitate language teaching.

However, there is still a lack of emphasis on English in inclusive education. There are not enough textbooks, technical equipments, textbooks that can meet the needs of visually impaired language learners for teaching and learning a foreign language independently. Language learners with disabilities need such textbooks, technical developments and equipment that are comfortable for them. Creating such an opportunity for them will ensure the integration of visually impaired youth into a full-blooded society. To make it easier for teachers who teach English to visually impaired students, it would be a good idea to create the following:

1. An audio guide for the blind to learn English;
2. A platform for teaching English to visually impaired and blind language learners;

3. A mobile application that provides English language training for visually impaired and blind language learners;
4. Textbooks for teaching English for visually impaired and blind learners.

The problems of learning English for visually impaired and blind language learners will be scientifically studied; methodology and scientific school of inclusive education for the visually impaired will be established. For this purpose, in cooperation with the Research Center for Pragmalinguistics, Functional Translation Studies and Language Teaching Processes, established at the Department of English Linguistics, Bukhara State University, bachelor's degree, master's dissertation, PhD research on inclusive education practical work is done.

Thus, due to the project not only the blind's English language skills will increase, but also their writing skills are improved. As the President of the Republic of Uzbekistan Shavkat Miromonovich Mirziyoyev noted, "All our efforts are aimed at glorifying human dignity. Our goal is to create conditions for you to study, work and find a place in society", so the blind and visually impaired people are altogether considered to be an integral part of the new Uzbekistan. In accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan "On approval of normative legal acts on education of children with special educational needs" dated October 12, 2021 № -638, creating an environment of adaptation for education is set as a main goal to educate the children with disabilities.

On December 22, 2021, the President of the Republic of Uzbekistan adopted a resolution on additional measures to provide comprehensive support to the people with disabilities, promote their employment and increase their social activity further.

The comparative advantage of the materials over foreign analogues is that the audio dictionary, textbooks and their audio-electronic software products created to ensure the English language skills of the visually impaired people illustrate the mentality of the population in the Republics of Uzbekistan and Karakalpakistan. All of the sources will be selected in accordance with their values. Theories of language teaching have also been shown to focus on socio-cultural sensitivity and emphasis on nationalism in the creation of textbooks, to play an important role in shaping inter-ethnic culture, and to facilitate the process of language learning. In this case, it is advisable to select all the materials used from reliable sources and coincide with Uzbek nationality.

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