

## EFFECTIVE METHODS OF TEACHING ENGLISH TO CHILDREN WITH DISABILITIES (BLIND CHILDREN)

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*Abstract:*

This article discusses various effective methods of teaching blind children. Teaching blind children requires creativity, patience and a willingness to experiment with different methods. Braille, audio, tactile diagrams, technology, and hand-to-hand techniques are just a few of the methods that educators can use to ensure that blind children are learning at the same level as non-sighted children. As technology continues to advance, new teaching methods are emerging to help blind children learn and succeed.

*Key words:* Braille, tactile diagrams, audio, technology, and hand-to-hand techniques.

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### Introduction

Teaching a child is a difficult task for any teacher, but it becomes even more complicated when the child is visually impaired. Teaching is the most important aspect of education and it plays an important role in shaping a child's future. If children with visual impairments are not taught the right way, they may face unnecessary challenges and difficulties in their lives as they are forced to rely more on other senses to learn. Therefore, it is the teacher's responsibility to understand their student's limitations and make necessary adjustments to ensure that the student receives a quality education. In this article, we will look at some important challenges in teaching blind children and how to overcome them, as well as various teaching strategies, methods and tools that have been developed specifically for these children.

### Key findings and conclusions

#### Difficulties in teaching visually impaired children

1. **Communication Barriers:** Blind children face a significant communication barrier that can affect their learning. Because they cannot see the teacher's facial expressions, gestures or body language, they may not always understand what is being taught. For example, a blind child may not understand sarcasm or sarcasm, which often relies on contextual cues that they cannot perceive.

2. **Limited access to educational materials:** Another important problem that blind children face is the limited access to educational materials compared to their sighted peers. Learning materials such as textbooks, workbooks, and other written materials are often not available in Braille or audio format.

3. **Lack of Resources:** Often, schools and teachers lack the necessary resources to provide the necessary adaptations and accommodations to help students overcome

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the challenges of visual impairment. For example, schools may not have Braille printers, talking calculators, or audio textbooks.

4. Social Isolation: Blind children often have difficulty making friends, which can lead to social isolation. They may feel left out of certain activities or conversations because they cannot see what is going on around them.

#### Coping strategies

1. Promote clear communication: One way to overcome the communication barrier is to develop clear communication with the child. This can be achieved by speaking clearly, using simple vocabulary and explaining concepts in detail. In addition, teachers can use different voices and sound effects to show different characters and moods in the story.

2. Provide access to instructional materials: To overcome limited access to instructional materials, teachers can provide Braille, large print, and audio formats of required materials. In addition, teachers can use tactile illustrations to help students understand concepts such as graphs, maps, and diagrams.

3. Use Technology: Technology can be an important tool in helping blind children learn. Students can use screen readers, Braille displays, and other software programs to access information and complete assignments. Teachers can also use online resources to create interactive and engaging activities such as webinars, quizzes, and games.

4. Encourage social participation: Teachers can encourage social participation by organizing group activities that engage children without relying on visual skills. For example, teachers can organize listening games, role play exercises and storytelling activities. In addition, teachers can encourage students to work in pairs or small groups, which gives them the opportunity to communicate and make friends with people who understand their problems.

#### Teaching techniques for blind children

1. Audio Description: Audio description is a technique that involves describing the visual elements of a story, such as facial expressions, body language, and scenery. Teachers can use this method to help blind children visualize the story and understand the emotions and contexts behind the stories.

2. Gestures and touch: Teachers can use gestures and touch to aid learning. For example, touching different parts of the world to show where different countries are located helps the student understand geography. Likewise, using facial expressions to show emotion helps readers understand the tone and mood of a story.

3. Braille Instruction: Braille is a writing system that uses raised dots to represent letters and symbols. By teaching braille, teachers can help blind children learn to read and write independently.

4. Use of colors and contrast: Blind children can benefit from the use of colors even though they cannot see them. Using high contrast between different elements in a document can help a visually impaired child navigate the page more easily. Additionally, teachers can use different colors and textures in art projects to help students differentiate between different objects.

#### Tools for teaching blind children

1. Braille Printers: Braille printers can convert text into Braille and make hard copies of the material. This allows students to read and take notes independently, helping them keep up with their sighted peers.

2. Audio textbooks: Audio textbooks are recorded versions of traditional textbooks and provide an alternative way for students to access the material. Audio textbooks can also be used in conjunction with Braille or larger textbooks to provide a variety of options for students.

3. Talking calculators: Talking calculators can convert numbers into speech, making math easier for blind students. This tool helps students to do calculations independently and helps them to increase their confidence and learning ability.

4. Tactile Graphics: Tactile graphics are raised images used to convey information to blind children through touch. Teachers can provide tactile graphics for maps, charts, and other visual aids to aid understanding of abstract concepts.

Educating blind children can be a challenging but rewarding experience for teachers. By understanding the challenges these students face and implementing effective teaching strategies and tools, educators can create an inclusive and supportive learning environment that meets the needs of all students. Teaching blind children requires patience, creativity and an understanding of the unique needs of each student. With the right training and resources, any teacher can learn to adapt their teaching style and learn to effectively teach blind children. Blindness is a physical disability that affects a child's learning and teaching process.

Teachers are often faced with the challenges of creating an inclusive classroom environment, developing an effective curriculum, designing appropriate instructional materials, and delivering lessons that are appropriate for different abilities and learning styles when teaching a blind child. The purpose of this article is to provide a comprehensive guide on how to effectively teach blind children. This article explores a variety of instructional strategies, technologies, and methods that educators can use to create inclusive, accessible, and effective learning environments for blind children.

Understanding the needs of blind children Educating blind children requires a deep understanding of their unique needs, challenges and strengths. Some of the important elements of effective education for a blind child are:

- Accessible and inclusive learning environment: the learning environment must be accessible and inclusive, the child can move safely, and have easy access to learning materials and equipment. and should ensure that he communicates with his peers. , teachers and other professionals.
- Alternative methods of learning: blind children rely on alternative methods such as touch, sound and smell to learn. Teachers should use multisensory teaching strategies to enable blind children to access and understand new information.

- Assistive Technology: Educators should include a variety of assistive technologies to support the learning of visually impaired children, such as Braille and reading devices, text-to-speech software equipment, audio recording and listening devices.

- Collaboration and communication: teachers should collaborate with parents, guardians and other professionals such as orientation and mobility specialists, speech therapists and psychologists to ensure a holistic approach to teaching and learning. Creating an inclusive classroom environment An inclusive and supportive classroom

environment is important for the learning and well-being of children with visual impairments. Here are some tips for creating a welcoming, inclusive and safe learning environment for blind children:

- **Rearrange the classroom:** Reorganize the classroom to reduce obstacles and hazards and provide clear, uncluttered spaces for activity. Blind children rely on touch and sound to navigate and locate objects in the classroom, so furniture and equipment must be well placed and organized.

- **Multisensory learning materials:** Provide multisensory learning materials that use touch, sound, and smell, such as tactile maps, audio descriptions, and olfactory activities.

- **Engage all the senses:** Engage all the senses by incorporating a variety of learning methods. For example, instead of relying solely on visual materials, use sound, touch, and smell to teach concepts and engage students.

- **Peer Support:** Encouraging peer support by creating cooperative or friendship systems among blind and visually impaired students. This strategy encourages social interaction, empathy, and teamwork. Developing an Effective Curriculum Developing an effective curriculum for children with visual impairments requires careful planning, creativity, and collaboration. Here are some strategies for creating an effective and accessible curriculum for students with visual impairments:

- **Individualized Learning Plans:** Develop individualized learning plans based on a child's unique learning needs, preferences, and strengths. This plan should include the child's IEP (Individualized Education Program) goals, learning preferences, and current achievement level.

- **Accessible Learning Materials:** Create learning materials that are accessible to blind students, such as Braille textbooks, audio recordings, large print materials, and tactile diagrams.

- **Multi-sensory approach:** Use a multi-sensory approach to teaching, incorporating different learning methods such as touch, sound and smell. This approach makes learning more meaningful, interesting and accessible for blind students.

- **Modifying the curriculum:** Modify the curriculum to meet the child's unique learning needs, such as simplifying complex concepts, adjusting assessments, and providing more support and accommodations. Designing Appropriate Learning Materials Blind children rely on alternative methods such as Braille, tactile diagrams, and audio recordings to access learning materials. Educators must use a variety of strategies and technologies to design appropriate instructional materials that meet these unique needs. Here are some important considerations when designing instructional materials for blind students: **Braille:** Braille is a writing and reading system that uses raised dots to represent letters, numbers, and punctuation. Braille is an important alternative for blind children because it allows them to read and write independently. Teachers should use braille to create instructional materials such as textbooks, worksheets, and handouts. **Tactile Diagrams:** Tactile diagrams are diagrams that use raised lines, textures, and shapes to represent images, charts, and graphs. Tactile charts allow blind students to access visual information in a tactile format, enhancing their understanding of a concept. Teachers should use tactile diagrams to create existing visual aids such as maps, graphs, and illustrations. **Audio**

Recordings: Audio recordings are essential for blind students who cannot access visual materials such as videos and images. Unlike visual materials, audio recordings use sound to convey information, making learning more accessible and interesting for blind students. Teachers should use audio recordings to create alternative learning materials such as audiobooks, podcasts, and lectures. Teaching Effectively Teaching effectively for children with visual impairments requires creativity, flexibility and sensitivity to their unique learning needs. Here are some tips for effective and engaging lessons for students with visual impairments:

- Clear instructions: Provide clear and concise instructions for activities and tasks, explaining each step in detail. If necessary, use alternative methods such as Braille or audio instructions.
- Multisensory Learning: Use multisensory learning strategies to deliver lessons that suit different learning styles and abilities. Use props, tactile devices, and audio recordings to enhance participation and understanding.

- Cooperation and Interaction: Encourage cooperation and interaction among students by creating group activities that promote teamwork, socialization, and problem solving.

- Use technology: Include a variety of assistive technologies, such as text-to-speech software, screen readers, and digital magnifiers, for effective teaching. These technologies increase access to information and support independent learning. Educating blind children requires a comprehensive approach that meets their unique educational needs, abilities and challenges. Teachers must adopt an inclusive and supportive classroom environment, create appropriate teaching materials, develop effective curricula, and use a variety of teaching strategies and technologies to deliver engaging and effective lessons. Through careful planning, creativity, and collaboration with other professionals, educators can create a positive and empowering learning environment that supports the academic and personal growth of blind children. Blindness is a disability that affects millions of people worldwide. Although living with this disability is difficult, it should not prevent blind children from learning. Over the years, teachers have used a variety of teaching methods to ensure that blind children receive the same level of education as non-blind children.

In this article, we will discuss various methods of teaching blind children. Blindness is a medical condition that affects millions of people worldwide, and while it can significantly affect daily activities, it should not be a barrier to education. Although the challenges that blind children face in the learning process may seem overwhelming, educational professionals have a variety of ways to ensure that they learn at the same level as sighted children. learned teaching methods. This article examines five different approaches to teaching blind children; Braille, tactile diagrams, audio, technology and manual techniques.

Method 1: Braille Braille is a system of raised dots that represent letters, numbers, musical notation, and other written symbols. It was invented in 1824 by Louis Braille, a Frenchman who lost his sight as a child. Today, Braille is the most widely used method for teaching blind children to read and write.

Method 2: Audio Audio is another way to teach blind children. Audio can be used to provide access to books, lectures, and other educational materials. Audio is another method of teaching blind children that uses recorded sound to convey information. Audio tapes can be used to provide access to books, lectures, and other

educational materials. Audio recordings can be played on a tape recorder, CD player or MP3 player.

Method 3: Tactile Diagrams Tactile diagrams are raised images of pictures, charts and graphs. Blind children can use tactile diagrams to learn geography, science, math, and other subjects that require visual imagery. For example, a tactile map of the United States allows visually impaired students to understand the location of states and major cities. A tactile diagram of a simple machine helps blind students understand how it works. Tactile diagrams can be created using embossing or 3D printing technology on paper with different textures. Teachers and parents can also create tactile diagrams using simple materials such as glue, sand and foam.

Method 4: Technology Technology has opened up new opportunities for blind children. With the help of screen readers and magnifiers, blind children can use computers, tablets and smartphones.

Method 5: The hand-to-hand technique is a tactile training method that involves physically guiding a blind child's hand to perform a task. This method is especially useful for children with multiple disabilities or those who are resistant to learning in other ways. For example, a teacher may use the manual method to teach a blind child how to tie his shoes. The teacher would put her hands on the child's hands and go through the steps of tying the shoelaces. Hand-to-hand technique can also be used to teach writing to blind children. The teacher held the child's hand and guided them in forming the letters. Over time, the child learns to write independently.

#### Conclusion

Teaching blind children requires creativity, patience, and a willingness to experiment with different methods. Braille, audio, tactile diagrams, technology, and hand-to-hand techniques are just a few of the methods teachers can use to ensure that blind children are learning at the same level as non-sighted children. As technology continues to advance, new teaching methods are emerging to help blind children learn and succeed. The role of the teacher cannot be ignored when dealing with the education of blind children.

The teacher provides opportunity, guidance and support to the learner, which together with appropriate methods, facilitates learning for blind children. Braille, audio, tactile diagrams, technology, and manual techniques are some of the methods teachers use to ensure that blind children receive the same level of education as non-sighted children. As technology continues to advance, other teaching methods will emerge that offer additional opportunities for learning and growth for visually impaired children.

#### References:

[1]. Feruza, S. (2021). *Increasing the effectiveness of corrective education in special educational institutions*. 14. Karimov, N. (2017). *Hakim Tirmidhi v Misr. Vostokovedenia*, 4(4), 79-83.

[2]. 2018-03-22 Mirjamolov, MX (2020). *Methods of development of physical qualities in visually impaired children. European Journal of Research and Reflection in Educational Sciences*, Vol, 8(6).



- [3]. Karimov, N. (2018). *Izuchenie nauchnogo naslediya Abu Isy Tirmizi v Europe. Vostokovedeniya*, 2(2), 101-112.
- [4]. Khalikov, AK (2023). *Scientific and theoretical basis of social alignment of visually impaired graduate young people. Scientific-methodological journal of spiritual enlightenment*, 253-264.
- [5]. Karimov, NR (2018). *Some studies on Hakim Termizi in the USA and Canada. Journal of research. - Austria*, 77-83.
- [6]. Asrorov, I. (2021). *Individual characteristics of visual input flow students. innovatsii v pedagogike and psichologii*, 4(3).
- [7]. Karimov, N. (2018). *Vklad izrail'skogo uchenogo Sary Sviri v izuchenie pismennogo naslediya Hakima At-Tirmidhi. Vostokovedenia*, 3(3), 42-50.