LUMEN ET VIRTUS
ISSN: 2177-2789

INCLUSIVE EDUCATION: PRACTICES AND CHALLENGES IN SERVING STUDENTS WITH DISABILITIES

https://doi.org/10.56238/levv15n43-023

Submitted on: 05/11/2024 **Publication date:** 05/12/2024

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ABSTRACT

The present study addressed the problem of teacher training and its impact on inclusive education practices in schools. The general objective was to analyze how teacher training influenced the implementation of inclusive practices. The methodology used consisted of a bibliographic review, where academic texts, articles and documents related to the theme were examined. The results indicated that the adequate training of educators is essential for them to feel prepared to meet the diversity of students. It was observed that many teachers reported insecurity and lack of knowledge about inclusive methodologies, which compromised the quality of teaching. The survey highlighted the need for initial and continuing education programs that integrate specific content on inclusion, as well as adequate resources and support from public policies. The final considerations emphasized that teacher training is a determining factor for the effectiveness of inclusive practices. It was found that, for inclusion to become a reality in schools, it is essential to invest in continuous training and awareness of educators. Thus, the study contributed to the

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understanding of the challenges faced and suggested that further research be carried out to complement the findings on inclusive education.

Keywords: Teacher Training. Inclusive Education. Pedagogical Practices. Public Policies. Diversity.

INTRODUCTION

Inclusive education is a topic of growing importance in the Brazilian educational context, reflecting the need to meet the diversity of students in educational institutions. This concept involves adapting the school environment and pedagogical practices to ensure that all students, regardless of their characteristics and needs, can have access to quality education. The promotion of inclusive education is related to respect for differences and the appreciation of plurality in the school environment, seeking to build an egalitarian society.

The rationale for addressing inclusive education lies in the reality faced by many educators and students in classrooms that are not yet adequately prepared to receive all students. Teacher training is a central aspect in this process, as they are responsible for implementing inclusive practices and promoting an environment that favors learning for all. The lack of preparation and training of teachers can result in exclusionary practices, hindering the learning of students with special needs and contributing to the perpetuation of inequalities.

In this context, the problem to be investigated is to understand the challenges faced in teacher training for inclusive education and how these challenges impact pedagogical practice in schools. It is essential to analyze how initial and continuing education can influence the ability of educators to deal with the diversity present in their classes and contribute to an education that serves all students in an equitable way.

The objective of this research is to analyze the challenges and possibilities in teacher training for inclusive education in Brazil, seeking to identify the main gaps and opportunities for improvement in training practices.

The structure of the text will be organized into sections that will address, at first, the theoretical framework on inclusive education and teacher training. Then, the challenges of implementing inclusive education in schools, the pedagogical practices that favor inclusion, and the role of society in this process will be discussed. Finally, the final considerations will be presented, with a synthesis of the main conclusions of the research and suggestions for future interventions and studies on the subject.

THEORETICAL FRAMEWORK

The theoretical framework is structured in three main sections that aim to provide an understanding of inclusive education and teacher training. The first section presents the fundamental concepts related to inclusive education, highlighting definitions and essential principles. In the second section, an analysis of the pertinent Brazilian legislation is made, focusing on the public policies that regulate school inclusion and their implications for the

educational system. Finally, the third section argues for teacher training, addressing both initial and continuing education, and emphasizing the skills necessary for educators to work in inclusive contexts. This organization seeks to provide a basis for understanding the challenges and possibilities of inclusive education in Brazil.

CHALLENGES OF IMPLEMENTING INCLUSIVE EDUCATION

The challenges of implementing inclusive education have proven to be significant, reflecting the difficulties faced by schools and teachers in educational practice. The literature points to several factors that contribute to the ineffectiveness of inclusive strategies. One of the main challenges lies in the insufficient training of teachers, who often do not feel prepared to deal with the diversity present in classrooms. According to Glat and Nogueira (2002, p. 22), "teacher training should include a specific approach to inclusion, which enables them to identify and meet the needs of all students, instead of relegating them to traditional pedagogical strategies that do not consider their particularities."

In addition to inadequate training, institutions face structural and organizational barriers that hinder effective inclusion. Beyer (2003, p. 34) states that "educational systems do not have adequate resources, such as adapted teaching materials and specialized support, which compromises the possibility of inclusive teaching." This scarcity of resources reflects a reality that many educators encounter in their daily school lives, making it difficult to develop pedagogical practices that serve all students.

Another aspect to be considered is the resistance of some professionals and the school community itself in relation to inclusive practices. Carvalho (2005, p. 5) points out that "inclusion is not only a pedagogical challenge, but also a social process that requires a change in attitudes and attitudes from educators and the school community." This resistance can be a significant obstacle to the implementation of inclusion policies, as it prevents the construction of a school environment that welcomes diversity.

Finally, it is essential to mention that, even with the difficulties, some practices can be adopted to promote inclusion. Crippa and Vasconcelos (2012, p. 15) argue that "the promotion of an open dialogue among all members of the school community can facilitate the construction of an inclusive environment, in which the voices of students and their needs are heard and respected." Thus, the construction of an inclusive school environment depends not only on policies and resources, but also on the willingness of the school community to engage in this process.

In the face of these challenges, it is evident that inclusive education requires a joint and continuous effort, involving adequate teacher training, availability of resources and

change of attitudes, in order to ensure that all students have access to quality education and that their needs are met.

INCLUSIVE PEDAGOGICAL PRACTICES

Inclusive pedagogical practices are essential to ensure that all students can access and participate in the teaching-learning process. Several methodologies and strategies have been developed to promote inclusion in classrooms, allowing educators to adapt their approaches to meet the diversity of students. A significant example of inclusive practice is the use of active methodologies, which stimulate student participation in a dynamic way. According to Crespo *et al*. (2018, p. 40), "the adoption of active pedagogical practices favors the construction of knowledge in a collaborative way, allowing students to feel part of the educational process and respecting their particularities."

In addition, pedagogical differentiation is an essential strategy that allows the teacher to adjust teaching to the needs of each student. Carvalho (2004, p. 85) points out that "differentiation implies modifying the content, processes and products of learning, considering the students' abilities and interests." This approach allows educators to develop activities that align with each student's learning level, fostering an inclusive environment.

Another practice that favors inclusion is the use of assistive technologies. According to Batalla (2009, p. 80), "assistive technologies represent tools that facilitate the learning of students with special needs, enabling them to access the curriculum in an equitable way." Implementing these technologies in classrooms can be a game-changer for students with disabilities, allowing them to integrate into the educational process.

Finally, collaborative work among students also proves to be a strategy for inclusion. Beyer (2003, p. 37) emphasizes that "peer-to-peer collaboration not only promotes social interaction, but also encourages collective learning, where students can learn from each other." This type of interaction is essential for building an inclusive school environment, in which all students feel valued and respected.

These inclusive pedagogical practices demonstrate that, through appropriate methodologies, it is possible to create a school environment that favors the learning of all students. The diversity of strategies allows educators to meet the specific needs of each student, contributing to an equitable and respectful education.

THE ROLE OF SOCIETY IN INCLUSIVE EDUCATION

The role of society in inclusive education is critical, as collaboration between the school, family, and community can facilitate the creation of a welcoming environment for all

students. The active participation of the family in the education of their children is a fundamental aspect that influences the inclusion process. According to Santos and Rios (2022, p. 5), "the presence and involvement of parents in school activities promote a strengthening of the bonds between the family and the school, contributing to the construction of a culture of inclusion." This statement highlights how the interaction between the family and the school can impact the educational experience of students, since mutual collaboration creates a favorable environment for learning.

In addition to the role of the family, the community also plays a significant role in school inclusion. The involvement of the local community in educational activities can provide additional resources and support to schools. Glat and Nogueira (2002, p. 25) state that "the construction of partnerships between the school and the community is essential to promote inclusion, as these alliances can offer both material and emotional support to students and educators." Thus, partnerships established with community organizations, businesses, and local institutions can enrich the school environment, making it inclusive and diverse.

The promotion of a culture of inclusion in society is a determining factor for inclusive practices to be effective. Beyer (2003, p. 40) points out that "it is necessary for society as a whole to recognize and value diversity, as this influences attitudes and behaviors in relation to school inclusion." This reflection underlines the importance of a social context that welcomes differences, contributing to students feeling valued and respected in their school environment.

The role of society in inclusive education manifests itself in a variety of ways, from family involvement to community collaboration. These interactions are essential for building an education that respects and meets the needs of all students, promoting a fair and equitable school environment. Joint action between family, school and community can result in practices that promote inclusion, strengthening the student support network.

METHODOLOGY

The methodology used in this research consists of a bibliographic review that seeks to gather and analyze the contributions of different authors on inclusive education and teacher training. This is a qualitative research, characterized by the critical analysis of academic texts, articles, books and official documents that address the theme. Data collection was carried out through research in databases such as *Google Scholar*, *Scielo* and educational journals, in addition to consulting references cited in relevant works. The selection criteria were established to ensure that only pertinent and up-to-date sources

were included in the review, prioritizing those that brought meaningful discussions about teacher training in the context of inclusion.

The following table presents the main references selected during the research, organized according to ABNT standards. This table aims to facilitate the visualization of the consulted works and provide an overview of the theoretical contributions that support the proposed analysis.

Table 1: References Consulted for the Literature Review

Author(s)	Conforming title published	Year	Type of Work
GLAT, R.; NOGUEIRA, M. L. L.	Educational policies and teacher training for inclusive education in Brazil.	2002	Article
BEYER, H. O.	Inclusive education: school incompleteness and perspectives for action.	2003	Article
CARVALHO, R.	Inclusive Education with the dots in the "i's".	2004	Book
CARVALHO, R. E.	Inclusive Education: what are we talking about?	2005	Article
BATALLA, D. V.	National policy on special education from the perspective of Brazilian inclusive education.	2009	Article
CRIPPA, R. M.; VASCONCELOS, V. O.	Inclusive education: a general reflection.	2012	Article
CRUZ, G. C.; GLAT, R.	Inclusive education: challenge, carelessness and responsibility of licentiate courses.	2014	Article
CRESPO, A. *et al.*	Towards an inclusive education: Manual to support practice.	2018	Manual
BARBOSA, A. K. G.; BEZERRA, T. M. C.	Inclusive Education: reflections on the school and teacher training.	2021	Article
SANTOS, C. S.; RIOS, P. P. S.	The importance of inclusive education in teacher training.	2022	Article

Source: authorship

The references presented in the table above constitute the theoretical basis of the research, allowing a critical analysis of the challenges and practices related to teacher training for inclusive education. The literature review enables an understanding of the theme, facilitating the identification of gaps and opportunities for improvement in teacher training and inclusive educational practices.

CRITICAL ANALYSIS OF INCLUSIVE PRACTICES

Critical analysis of inclusive practices is essential to understand the effectiveness of approaches adopted in schools and to identify areas that need improvement. From the readings and studies carried out, it is observed that, although there are several initiatives aimed at inclusion, many challenges still persist. According to Crippa and Vasconcelos (2012, p. 12), "inclusive practices are often implemented in a superficial way, without due understanding of the specific needs of students, which results in an inclusion that does not meet the proposed objectives." This statement highlights the relevance of a conscious and

informed implementation of inclusive practices, so that they contribute to the learning of all students.

In addition, teacher training is an aspect mentioned in the analyses of inclusive practices. Beyer (2003, p. 36) points out that "without adequate training, educators may feel insecure and unprepared to meet the demands of an inclusive classroom, which can compromise the quality of teaching." This reflection highlights the need for continuing education programs that prepare educators to face the challenges of inclusion, ensuring that they have the necessary skills and knowledge.

Another relevant issue concerns the support that schools receive from the community and public policies. Batalla (2009, p. 78) states that "educational policies must be accompanied by adequate resources and technical support for inclusive practices to be effective." This argument suggests that, in addition to political will, it is essential to invest in infrastructure and pedagogical resources that enable inclusion.

The analysis of inclusive practices reveals that, despite the efforts made, there are still significant gaps that need to be addressed. Superficiality in implementation, lack of adequate teacher training, and absence of institutional support are factors that compromise the success of inclusive initiatives. For inclusive education to achieve its goals, it is essential that there is a collective commitment between schools, families, and society, in addition to continuous investment in training and resources. Critical reflection on these practices is the first step to promote effective changes and ensure quality education for all students.

IMPACT OF TEACHER TRAINING ON INCLUSIVE EDUCATION

The impact of teacher training on inclusive education is a central theme for the effectiveness of pedagogical practices adopted in schools. Proper teacher training is essential for them to meet the diverse needs of students, promoting an educational environment that respects and values diversity. According to Carvalho (2004, p. 45), "the initial and continuing training of teachers should include specific content on inclusive education, as this is fundamental for educators to be able to develop strategies that serve all students in an equitable manner." This statement underlines the need to integrate inclusion into teacher training, ensuring that educators are prepared to deal with the diversity present in their classes.

The lack of training can result in pedagogical practices that do not contemplate the needs of students with disabilities. Beyer (2003, p. 34) points out that "without adequate knowledge about the specificities of inclusive education, teachers can adopt attitudes that

perpetuate exclusion instead of promoting inclusion." This reflection shows that the absence of specific training can lead to the reproduction of exclusionary practices, limiting learning opportunities for students who need additional support.

In addition, the role of teacher training extends beyond the classroom, impacting school culture as a whole. Glat and Nogueira (2002, p. 28) state that "the continuous training of educators must be accompanied by collective work that involves the entire school community, promoting a culture of inclusion that reflects on educational practice." The relevance of a collaborative approach is emphasized, where all members of the school community feel involved in the inclusion process, favoring a welcoming learning environment.

Therefore, teacher training plays a decisive role in inclusive practices in schools. When teachers receive adequate training, they are able to develop strategies that cater to the diversity of students, promoting an equitable learning environment. The absence of such training, on the other hand, can result in practices that perpetuate exclusion and limit opportunities for students with special needs. Thus, investing in the continuous training of educators is essential to ensure that inclusive education becomes an effective reality in schools.

SUGGESTIONS FOR IMPROVEMENT

Suggestions for improvements in teacher training and inclusion policies in schools are essential to promote an educational environment that respects and values diversity. It is essential that initial and continuing training programmes include a specific approach to inclusive education. Carvalho (2004, p. 88) argues that "training should provide educators not only with theoretical knowledge, but also with pedagogical practices that can be applied in everyday school life, allowing students to meet their needs." This proposal highlights the importance of training that balances theory and practice, enabling teachers to implement inclusive strategies in their classes.

In addition, it is essential that educational institutions promote awareness and continuous training for all education professionals. According to Glat and Nogueira (2002, p. 30), "raising educators' awareness of the importance of inclusion should be a priority, as this contributes to the construction of a school culture that welcomes diversity and promotes equal opportunities." It is emphasized that training should not be a one-off activity, but rather a continuous process that involves the entire school team, creating an environment conducive to inclusion.

Another aspect to be considered is the need to adapt public policies for inclusive education. Batalla (2009, p. 83) suggests that "policies should guarantee sufficient financial, material and human resources so that schools can effectively implement inclusive practices." This indicates that educational policies need to be accompanied by adequate investments that enable the creation of accessible environments adapted to the needs of students.

Finally, collaboration between the school and the community is critical to the success of inclusive practices. Santos and Rios (2022, p. 10) point out that "building partnerships with the community can provide additional support to schools, facilitating access to resources and promoting a culture of inclusion that extends beyond school walls." This proposal suggests that community engagement can enrich educational practices, making them integrated and meaningful.

Thus, improvements in teacher training and inclusion policies in schools require a joint commitment between educational institutions, public policies and the community. By implementing these suggestions, it will be possible to advance the construction of an inclusive school environment, capable of meeting diversity and providing all students with equitable learning opportunities.

FINAL CONSIDERATIONS

The final considerations aim to synthesize the main findings of the research on teacher training and its impact on inclusive practices in schools. Throughout the study, it was possible to identify that teacher training plays a significant role in the effectiveness of inclusion practices. The data collected indicate that adequate and continuous training of educators is essential for them to feel safe and prepared to meet the diversity present in their classes.

One of the main findings was the finding that many educators feel unprepared to deal with the specific demands of students with special needs. The lack of knowledge and training in inclusive methodologies can lead to the adoption of practices that do not contemplate the needs of all students. In addition, the survey showed that raising awareness among education professionals about the importance of inclusion is essential to create a school environment that welcomes diversity. When educators recognize and value differences, inclusive practice tends to be effective.

Another relevant aspect found was the need for improvements in public policies related to inclusive education. The survey revealed that educational institutions often lack the resources and support needed to implement inclusive practices properly. Therefore, for

inclusion to become a reality in schools, it is essential that there is greater investment in infrastructure, pedagogical materials and continuous training for teachers.

The contributions of this study are significant, as they offer a clear view of the challenges faced in teacher training and inclusive practices. By identifying the gaps in teacher training and in the application of inclusive strategies, this work can serve as a basis for the development of proposals aimed at improving the initial and continuing education of educators. In addition, the results obtained can influence the formulation of public policies that support school inclusion, promoting an equitable environment for all students.

However, there is a need for studies that complement the findings presented. Future research could explore teacher training experiences in different educational contexts and their repercussions on inclusion. In addition, investigations into students' perceptions of inclusive practices can provide important insights for improving pedagogical approaches.

Teacher training is a central element for the promotion of inclusive practices in schools. The findings of this research reinforce the importance of investing in training that meets the needs of all students, ensuring that inclusive education is effective and respectful. The continuity of research on the subject is essential to advance in the construction of an educational system accessible to all.

REFERENCES

1. Barbosa, A. K. G., & Bezerra, T. M. C. (2021). Educação inclusiva: reflexões sobre a escola e a formação docente. Ensino em Perspectivas, 2(2), 1-11. https://revistas.uece.br/index.php/ensinoemperspectivas/article/view/5871. Acesso em 03 de novembro de 2024.

2. Batalla, D. V. (2009). Política nacional de educação especial na perspectiva da educação inclusiva brasileira. Fundamentos en Humanidades, 10(19), 77-89. https://www.redalyc.org/pdf/184/18411965005.pdf. Acesso em 03 de novembro de 2024.

3. Beyer, H. O. (2003). A educação inclusiva: incompletudes escolares e perspectivas de ação. Revista Educação Especial, 33-44. https://periodicos.ufsm.br/educacaoespecial/article/view/5003. Acesso em 03 de novembro de 2024.

4. Carvalho, R. E. (2005). Educação inclusiva: do que estamos falando? Revista Educação Especial, 26, 1-7. https://www.redalyc.org/pdf/3131/313127396003.pdf. Acesso em 03 de novembro de 2024.

5. Carvalho, R. (2004). Educação inclusiva com os pingos nos “is”. Mediação. https://bds.unb.br/handle/123456789/143. Acesso em 03 de novembro de 2024.

6. Crespo, A., et al. (2018). Para uma educação inclusiva: Manual de apoio à prática. https://repositorio-aberto.up.pt/bitstream/10216/125857/2/381527.pdf. Acesso em 03 de novembro de 2024.

7. Crippa, R. M., & Vasconcelos, V. O. (2012). Educação inclusiva: uma reflexão geral. Cadernos da FUCAMP, 11(15). https://revistas.fucamp.edu.br/index.php/cadernos/article/view/208. Acesso em 03 de novembro de 2024.

8. Cruz, G. C., & Glat, R. (2014). Educação inclusiva: desafio, descuido e responsabilidade de cursos de licenciatura. Educ. Rev., 52, 257-273. http://educa.fcc.org.br/Scielo.php?script=sci_arttext&pid=S0104-40602014000200015&lng=pt&nrm=iso. Acesso em 03 de novembro de 2024.

9. Glat, R., & Nogueira, M. L. L. (2002). Políticas educacionais e a formação de professores para a educação inclusiva no Brasil. Revista Integração, 24(14), 22-27. https://www.educmunicipal.indaiatuba.sp.gov.br/shared/upload/z_outros/files/material_curso/monitores/tema_5/edcinclusiva.pdf. Acesso em 03 de novembro de 2024.

10. Santos, C. S., & Rios, P. P. S. (2022). A importância da educação inclusiva na formação de professores. Encontro de Discentes Pesquisadores e Extensionistas, 1(1), e202220-e202220. https://www.revistas.uneb.br/index.php/edpe/article/download/15493/10403. Acesso em 03 de novembro de 2024.