

# Promoting Inclusive Education and Special Needs Support through Psychological and Educational Frameworks

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*Abstract- This review paper explores the critical role of psychological and educational frameworks in promoting inclusive education for students with special needs. It examines key psychological theories, such as cognitive-behavioral and developmental models, which help educators understand and address the diverse challenges faced by students with disabilities. Additionally, it highlights the importance of psychological assessments and interventions in identifying and supporting learning disabilities and mental health issues. The review also discusses educational frameworks, including Universal Design for Learning (UDL) and Response to Intervention (RTI), as effective strategies for fostering inclusive learning environments. Furthermore, the paper identifies significant challenges in implementing inclusive education, such as resource limitations, lack of teacher training, and societal biases. It recommends improving inclusive education through teacher development, policy reform, community collaboration, and technological integration. By integrating psychological and educational frameworks, schools can better meet the needs of all learners, ensuring equal access to quality education.*

*Indexed Terms- Inclusive education, Psychological frameworks, Special needs support, Universal Design for Learning (UDL), Response to Intervention (RTI), Educational frameworks*

## I. INTRODUCTION

Inclusive education has emerged as a fundamental principle within the modern educational landscape, reflecting global commitments to equity, diversity, and the right to quality education for all learners. The

concept emphasizes the importance of creating an educational environment that accommodates students with varying abilities, backgrounds, and needs within the same classroom (Davis, Gillett-Swan, Graham, & Malaquias, 2020). Rather than isolating students with disabilities or learning differences, inclusive education seeks to integrate them into mainstream classrooms, allowing them to learn alongside their peers. This approach aligns with international mandates, such as the United Nations Convention on the Rights of Persons with Disabilities (CRPD), which emphasizes the right to inclusive, quality education for all (Schuster, 2022).

Inclusive education ensures that schools are equipped to support students with disabilities, learning difficulties, and other special needs, providing the necessary resources, accommodations, and modifications to facilitate their learning. The goal is to foster an environment where every student, regardless of ability, has the opportunity to participate fully and achieve their potential (Larosa, Zebua, Zebua, & Heryanto, 2022). In many countries, inclusive education has become a central component of educational policy, reflecting the understanding that diversity enriches the learning experience for all students, not just those with special needs. By embracing inclusivity, schools not only address the academic needs of students with disabilities but also contribute to a more empathetic and socially aware society (Aktan, 2020).

Addressing the needs of students with disabilities and special needs in mainstream education is essential for several reasons. First, it recognizes every individual's inherent value and upholds the equality principle in education. Education systems that segregate students with special needs may inadvertently reinforce

societal divisions, perpetuating the marginalization of individuals with disabilities. On the other hand, inclusive education promotes a sense of belonging, where students of all abilities can engage and interact with one another. This exposure to diversity helps to break down stigmas and fosters mutual understanding and respect among students. (De Beco, 2022)

Furthermore, inclusive education provides students with disabilities the opportunity to benefit from the same high-quality instruction and resources available to their peers. Historically, students with special needs were often placed in specialized schools or separate classrooms with limited access to the broader curriculum and educational opportunities. In contrast, inclusion in mainstream classrooms ensures that these students receive the same level of academic instruction, while also gaining from the social and emotional benefits of peer interaction. It encourages academic growth, social integration, and the development of self-esteem, all of which are critical for personal development (DeMatthews, Billingsley, McLeskey, & Sharma, 2020). Moreover, addressing special needs in mainstream education prepares students for life beyond the classroom. By participating in an inclusive environment, students with disabilities are better prepared for real-world interactions and challenges, where they will be required to navigate a society that does not segregate based on ability. This exposure fosters independence, resilience, and the confidence needed to thrive in various aspects of life, including further education, employment, and social settings (Szumski, Smogorzewska, & Grygiel, 2022).

To successfully implement inclusive education, schools must adopt comprehensive psychological and educational frameworks that support the diverse needs of students. Psychological frameworks help educators understand the cognitive, emotional, and social development of students with special needs, while educational frameworks provide practical approaches for modifying curricula, teaching methods, and classroom environments to accommodate all learners. One of the key psychological frameworks utilized in inclusive education is the cognitive-behavioral model, which emphasizes the importance of understanding students' cognitive processes and behavior patterns. This model helps teachers identify learning barriers

and behavioral challenges faced by students with special needs, allowing for the implementation of targeted interventions. For example, students with attention-deficit/hyperactivity disorder (ADHD) may benefit from behavioral strategies that help them focus and manage impulsivity, while students with autism spectrum disorder (ASD) might require social skills training to improve peer interactions (Young et al., 2020).

On the educational side, frameworks such as Universal Design for Learning (UDL) and Response to Intervention (RTI) play crucial roles in supporting inclusive education. UDL encourages teachers to design flexible and adaptable curricula, ensuring that all students, regardless of ability, can access and engage with the content. This includes providing multiple means of representation, expression, and engagement to cater to diverse learning styles and needs. RTI, on the other hand, is a tiered approach to early identification and support for students struggling with learning difficulties. It allows for the implementation of individualized interventions at increasing levels of intensity based on students' responses, ensuring that all learners receive the help they need to succeed.

These psychological and educational frameworks are not only beneficial for students with special needs but also for the broader student population. By adopting inclusive practices, educators create more dynamic, responsive, and student-centered learning environments that benefit all learners, regardless of ability (Griful-Freixenet, Struyven, & Vantieghem, 2021).

This paper aims to explore how psychological and educational frameworks can be used to promote inclusive education and provide effective support for students with special needs. It will examine the role of various psychological theories in understanding and addressing the unique challenges faced by these students, as well as the implementation of educational frameworks that facilitate their inclusion in mainstream classrooms.

The paper's first section introduces the concept of inclusive education and the importance of addressing special needs within mainstream settings. The second

section delves into psychological frameworks that aid in supporting students with disabilities, emphasizing the cognitive, behavioral, and emotional aspects of learning. The third section focuses on educational frameworks, particularly Universal Design for Learning (UDL) and Response to Intervention (RTI), and their role in creating inclusive learning environments. The paper will also explore the challenges and opportunities involved in implementing inclusive education, discussing policy gaps, resource limitations, and best practices for overcoming these obstacles. The final section will provide conclusions and recommendations for educators, policymakers, and other stakeholders to improve the implementation of inclusive education and special needs support.

## II. PSYCHOLOGICAL FRAMEWORKS SUPPORTING INCLUSIVE EDUCATION

### 2.1. Psychological Theories and Models that Contribute to Understanding Special Needs

Inclusive education thrives on the foundational principles of psychological theories that provide a deeper understanding of how students with special needs experience learning. Among these, cognitive-behavioral theories and developmental psychology are central to understanding the cognitive processes and behavioral patterns that impact students with disabilities (Thomas & Loxley, 2022). Cognitive-behavioral theories, particularly those derived from the work of Albert Ellis and Aaron Beck, focus on the relationship between thoughts, feelings, and behaviors. This approach helps educators identify how students with special needs process information and respond to learning environments. For instance, a student with dyslexia may develop negative thought patterns about their ability to succeed, leading to anxiety or avoidance behaviors. By recognizing these cognitive and emotional responses, teachers can design interventions to address the underlying issues, improving the student's engagement with learning materials (Rice, 2015).

Developmental psychology, as advanced by theorists such as Jean Piaget and Lev Vygotsky, provides another essential framework for understanding how students with special needs develop cognitively, socially, and emotionally over time (Blake, 2015).

Vygotsky's concept of the "zone of proximal development" emphasizes the importance of scaffolded support, where teachers provide the appropriate level of assistance to help students reach their full potential. This concept is particularly relevant in inclusive education, where students with varying abilities are at different stages of development. By understanding where students are in their developmental trajectories, educators can offer the right level of support and ensure that learning is tailored to their specific needs (Khadidja, 2020).

These psychological frameworks are crucial in creating inclusive learning environments, as they help teachers recognize the academic challenges that students with special needs face and the emotional and social factors influencing their ability to learn. Integrating these theories into inclusive education allows educators to address the whole child, holistically supporting cognitive, emotional, and behavioral development.

### 2.2. Role of Psychological Assessments in Identifying Learning Disabilities and Mental Health Challenges

Psychological assessments play a critical role in the early identification of learning disabilities and mental health challenges in students. These assessments are essential tools for understanding the unique needs of students with disabilities and providing the appropriate interventions to support their educational journey (Dehn, 2022). Cognitive assessments, such as the Wechsler Intelligence Scale for Children (WISC) or the Stanford-Binet Intelligence Scales, help identify students with intellectual disabilities, learning disorders like dyslexia or dyscalculia, and other cognitive impairments. By evaluating a student's cognitive abilities, these tests provide valuable information on areas where the student may need additional support, such as reading comprehension, mathematical reasoning, or problem-solving skills.

In addition to cognitive assessments, behavioral and emotional assessments are equally important in identifying mental health challenges that can affect a student's ability to participate in an inclusive learning environment. Tools like the Child Behavior Checklist (CBCL) or the Behavior Assessment System for Children (BASC) help educators and psychologists understand how a student's emotional and behavioral

challenges—such as anxiety, depression, or ADHD—might impact their learning. For instance, a student struggling with anxiety may have difficulty focusing during lessons, while a student with ADHD may struggle to regulate their behavior in the classroom (Kranzler & Floyd, 2020).

Early identification through psychological assessments allows educators to tailor their teaching approaches and provide the necessary interventions to support students with special needs. It also ensures that students are not unfairly labeled or excluded from the mainstream classroom due to undiagnosed conditions. By using these assessments, schools can create individualized education plans (IEPs) that address each student's unique challenges and leverage their strengths, ensuring they receive the support they need to succeed in an inclusive environment (Brussino, 2020).

### 2.3. How Psychological Interventions Can Aid Students with Special Needs

Once learning disabilities and mental health challenges are identified through assessments, psychological interventions can be implemented to support students with special needs. These interventions are designed to address the cognitive, emotional, and behavioral challenges that may hinder a student's ability to learn and thrive in an inclusive classroom setting. Counseling is one of the most widely used psychological interventions in schools, offering students a safe space to explore their emotions, develop coping strategies, and build resilience (Adams & Young, 2021). School counselors work with students individually or in groups to help them navigate the social and emotional challenges they may face in the classroom. For example, students with anxiety or depression can benefit from cognitive-behavioral therapy (CBT), which helps them reframe negative thoughts and develop more adaptive behaviors. For students with social difficulties, such as those on the autism spectrum, social skills training can help them better understand and engage in peer interactions (Grigorenko et al., 2020).

Another critical intervention is behavioral therapy, particularly for students with disorders such as ADHD or conduct disorder. Behavioral therapy helps students develop self-regulation techniques, manage

impulsivity, and improve their focus in the classroom. Teachers and psychologists can help students develop appropriate behaviors that enhance their learning and participation in school activities through positive reinforcement and behavior modification (Matthys & Schutter, 2021).

In addition to counseling and behavioral therapy, family involvement is an essential component of psychological interventions for students with special needs. Families play a crucial role in supporting their children's emotional and psychological well-being, and involving them in the intervention process can lead to more positive outcomes. Schools can offer parent training programs that equip families with strategies to support their children's learning and emotional development at home, creating a more cohesive support system between home and school (Carlson et al., 2020).

### 2.4. Importance of Teacher and Staff Training in Psychological Approaches

For psychological frameworks and interventions to be effective, it is essential that teachers and school staff receive appropriate training in these approaches. In an inclusive education setting, teachers are often the first line of support for students with special needs, and their ability to recognize and address these students' challenges is critical to their success.

Training in psychological approaches provides teachers with the knowledge and skills to implement strategies that support students' cognitive, emotional, and behavioral development. For example, teachers trained in cognitive-behavioral techniques can help students reframe negative thinking patterns, fostering a more positive learning experience. Similarly, teachers who understand developmental psychology can tailor their instruction to meet students' needs at various developmental stages, ensuring that lessons are accessible to all learners (Hoffmann, Brackett, Bailey, & Willner, 2020).

Additionally, teachers must be equipped with strategies for managing the emotional and behavioral challenges that may arise in an inclusive classroom. Training in behavior management techniques, such as positive reinforcement and de-escalation strategies, can help teachers create a classroom environment that

is conducive to learning for all students, including those with special needs. Moreover, teachers who are knowledgeable about mental health issues, such as anxiety or depression, are better able to provide the emotional support that these students may require (Gilmour, Sandilos, Pilny, Schwartz, & Wehby, 2022). Staff training also extends beyond teachers to include school administrators, counselors, and support staff, who all play a role in creating an inclusive educational environment. Collaboration between school staff ensures that students with special needs receive consistent support across all aspects of their school experience, from the classroom to extracurricular activities (Geesa et al., 2022).

### III. EDUCATIONAL FRAMEWORKS FOR INCLUSION

#### 3.1. Inclusive Pedagogical Approaches and Differentiated Instruction for Diverse Learners

Inclusive education is founded on the principle that every student should have access to a quality education in a general classroom setting, regardless of ability. Achieving this requires inclusive pedagogical approaches that address the diverse needs of all learners. One of the most effective strategies for fostering inclusivity is differentiated instruction, a teaching method that tailors instruction to meet the varying learning needs, abilities, and interests of students (Love & Horn, 2021). Differentiated instruction recognizes that students do not all learn in the same way, at the same pace, or with the same methods. It allows teachers to modify their teaching based on students' readiness, interests, and learning profiles, ensuring that each student can access the curriculum in a meaningful way (Gheysens, Coubergs, Griful-Freixenet, Engels, & Struyven, 2022).

Teachers using differentiated instruction often employ a variety of techniques, including tiered assignments, flexible grouping, and varied assessment methods. For example, in a reading lesson, students with different reading levels might be given texts of varying complexity while still engaging with the same core concepts. This approach helps ensure that students with special needs, including those with learning disabilities or gifted students, receive appropriate challenges and supports. Differentiated instruction

also emphasizes the importance of using diverse instructional materials, such as visuals, hands-on activities, and verbal explanations, to accommodate different learning styles, such as visual, auditory, and kinesthetic learners (Noviska & Anastasia, 2023).

By embracing inclusive pedagogical approaches like differentiated instruction, teachers create an environment where all students feel valued and capable of succeeding regardless of their abilities. This approach benefits students with special needs and enhances the learning experience for the entire classroom by promoting empathy, flexibility, and a sense of community.

#### 3.2. Integration of UDL and RTI Models in Supporting Special Needs Students

Universal Design for Learning (UDL) and Response to Intervention (RTI) are two widely recognized frameworks that play a critical role in inclusive education. Both frameworks ensure that all students, including those with special needs, have access to high-quality instruction and the support they need to succeed. UDL is a framework that guides the design of instructional goals, assessments, methods, and materials to be accessible to all students. It is grounded in the understanding that there is no one-size-fits-all approach to learning (Basham, Blackorby, & Marino, 2020). UDL emphasizes providing multiple means of engagement, representation, action, and expression. This means offering students various ways to engage with the material (e.g., through visual, auditory, or tactile methods), different ways of representing information (e.g., through graphics, written text, or videos), and diverse options for demonstrating what they know (e.g., through written assignments, presentations, or creative projects). The flexibility of UDL makes it a powerful tool for addressing the varied learning needs of students with special needs, while also enhancing accessibility for all learners (Griful-Freixenet et al., 2021).

In contrast, Response to Intervention (RTI) is a multi-tiered system designed to identify and support students with learning and behavioral challenges. RTI involves regular monitoring of student progress and providing increasing levels of intervention based on a student's needs. The model consists of three tiers: the first tier involves high-quality classroom instruction for all

students, the second tier provides targeted interventions for students who are not making adequate progress, and the third tier offers more intensive, individualized support for students with significant learning or behavioral difficulties. RTI helps ensure that students with special needs receive appropriate interventions early, preventing them from falling behind in their education (Schiller et al., 2020). The integration of UDL and RTI in classrooms ensures that students with a wide range of abilities are supported in ways that align with their individual needs. UDL offers a proactive approach to designing inclusive learning environments, while RTI provides a structured process for identifying and addressing specific learning challenges. Together, these models create a comprehensive support system that promotes inclusion and success for all students (Cressey, 2020).

### 3.3. Collaborative Teaching Strategies to Enhance Learning for All Students

Another essential aspect of inclusive education is the use of collaborative teaching strategies. Collaborative teaching, often referred to as co-teaching, involves two or more educators working together to plan, instruct, and assess a group of students. This model is particularly effective in inclusive classrooms where students with special needs are integrated with their peers. Collaborative teaching allows for more personalized instruction, as teachers can leverage their expertise to meet the diverse needs of their students (Jurkowski, Ulrich, & Müller, 2023).

One common approach to collaborative teaching is the team-teaching model, where two teachers jointly deliver the lesson, each contributing their strengths. For example, one teacher may focus on content delivery, while the other provides support with differentiated instruction or behavior management. Other collaborative strategies include station teaching, where the class is divided into smaller groups, and teachers rotate between groups, or parallel teaching, where two teachers work with different groups of students on the same content, tailoring their instruction to each group's needs (Simons, Baeten, & Vanhees, 2020).

These collaborative strategies enhance learning for students with special needs and create a more dynamic and engaging classroom environment for all students.

Teachers can address a wider range of learning styles and needs by working together, ensuring that no student is left behind. Moreover, collaborative teaching fosters a sense of inclusion and equality, as students with special needs receive the same level of instruction and attention as their peers.

### 3.4. Technology's Role in Supporting Inclusive Education Frameworks

Technology has become indispensable in implementing educational frameworks that support inclusive education. With the rise of assistive technologies and educational software, students with special needs have more opportunities to access the curriculum and participate fully in the classroom. One of the most significant ways technology supports inclusive education is through assistive devices. For example, students with physical disabilities may use speech-to-text software, screen readers, or alternative input devices to interact with learning materials. Similarly, students with learning disabilities, such as dyslexia, can benefit from tools like audiobooks, digital organizers, or apps that offer customized reading experiences. These technologies help remove barriers to learning, making it easier for students with special needs to engage with educational content (Óskarsdóttir, Donnelly, Turner-Cmuchal, & Florian, 2020).

In addition to assistive technologies, online platforms and digital learning tools play a crucial role in differentiating instruction. Learning management systems (LMS) like Google Classroom or Microsoft Teams allow teachers to provide assignments and resources in various formats, catering to students with different learning preferences. Educational software programs can also adapt content to each student's skill level, offering personalized learning paths that align with UDL principles (Prasetya, 2021).

Technology also enhances collaboration among teachers, students, and families, which is essential in supporting students with special needs. Digital tools such as video conferencing, online discussion boards, and shared documents allow teachers and support staff to work together more effectively to develop individualized education plans (IEPs) and monitor student progress. Parents can also stay informed and engaged in their child's education, fostering a

supportive learning environment at school and home (Stenman & Pettersson, 2020).

By incorporating technology into the classroom, educators can implement inclusive educational frameworks more effectively, ensuring that students with special needs have access to the tools and resources they need to succeed. Technology not only enhances accessibility but also encourages engagement, independence, and collaboration, making it a key component of modern inclusive education practices (Fernández-Batanero, Montenegro-Rueda, Fernández-Cerero, & García-Martínez, 2022).

#### IV. CHALLENGES AND OPPORTUNITIES IN IMPLEMENTING INCLUSIVE EDUCATION

##### 4.1. Examination of Barriers to Inclusion

While the concept of inclusive education has gained significant momentum globally, its implementation remains fraught with various challenges. One of the most prevalent barriers is resource limitations. Many schools, especially in low-income areas, lack the necessary resources to support students with special needs adequately. These resources include specialized learning materials, assistive technologies, and infrastructure modifications that make schools physically accessible to students with disabilities. In such environments, even basic accommodations, like providing braille textbooks or hearing aids, are often missing, leaving students with special needs at a significant disadvantage. The financial burden associated with acquiring these resources further complicates efforts, as schools often operate under tight budgets and are unable to prioritize inclusive practices (Handel & Hanushek, 2023).

Another major barrier is the lack of teacher training in inclusive education. Many teachers enter the profession without formal training in how to effectively support students with special needs. This lack of preparedness can lead to feelings of frustration and overwhelm, as teachers struggle to balance the needs of their students with special needs alongside the needs of the broader classroom. Effective inclusive education requires that teachers possess a deep understanding of differentiated instruction, psychological frameworks, and the use of assistive

technologies, yet such skills are often absent in traditional teacher training programs. Without ongoing professional development in these areas, teachers may unintentionally perpetuate exclusionary practices, leaving students with disabilities underserved (Hata, Yuwono, Purwana, & Nomura, 2021).

Societal biases also contribute significantly to the challenges of implementing inclusive education. In many cultures, students with disabilities are still stigmatized, and there is often a deep-rooted belief that they belong in specialized institutions rather than mainstream classrooms (Cartagena & Pike, 2022). These biases extend beyond schools and into families and communities, where children with disabilities are sometimes hidden away or discouraged from pursuing education. This societal stigma not only affects the students themselves but also impacts school leadership, which may be reluctant to push for inclusive practices out of fear of community backlash. The cultural norms surrounding disability can, therefore, create substantial barriers to the widespread adoption of inclusive education policies (Handel & Hanushek, 2023).

##### 4.2. Policy Gaps and Institutional Hurdles

In addition to these challenges, significant policy gaps and institutional hurdles impede the effective implementation of inclusive education. While many countries have ratified international conventions and adopted inclusive education policies, there is often a disconnect between policy and practice. For example, despite the United Nations Convention on the Rights of Persons with Disabilities (CRPD), which mandates the inclusion of all students in mainstream schools, enforcement remains inconsistent across countries and regions. In many cases, inclusive education policies exist only on paper, with little follow-through in terms of funding, monitoring, or accountability (Peters, 2022).

A lack of clear guidelines on how to implement inclusive education at the school level further complicates the issue. Schools and teachers are often left to interpret inclusive education policies on their own, leading to wide variations in how inclusion is practiced. This lack of standardization results in uneven educational experiences for students with

special needs, with some benefiting from well-resourced, inclusive environments, while others are left in underfunded, segregated settings.

Additionally, institutional inertia within educational systems presents another hurdle. Schools and educational institutions, by nature, are often slow to change, and there is frequently resistance to adopting new practices, especially if they require significant alterations to the status quo. This can manifest in resistance from teachers, administrators, or even school boards, who may view inclusive education as an unnecessary burden or a low priority. In this context, psychological and educational frameworks that support inclusion, such as Universal Design for Learning (UDL) or Response to Intervention (RTI), may be seen as optional rather than essential, further hindering their implementation (Mason-Williams et al., 2020).

#### 4.3. Opportunities for Improving Inclusivity

Despite these challenges, there are numerous opportunities for improving inclusivity in education. One promising avenue is through government initiatives aimed at increasing support for inclusive practices. Many governments around the world are beginning to recognize the importance of inclusive education and are investing in programs designed to train teachers, improve infrastructure, and provide the necessary resources to support students with special needs. For example, in countries like Finland and Italy, inclusive education is considered a fundamental right, and the government provides significant funding to ensure that schools are equipped to meet the needs of all learners. These countries can serve as models for other nations looking to strengthen their commitment to inclusive education (Irer, King'endo, Wangila, & Thurair, 2020).

International best practices also offer valuable lessons for improving inclusivity. Countries and regions that have successfully implemented inclusive education share certain common strategies, such as early intervention programs, robust teacher training initiatives, and strong collaboration between schools, parents, and communities. (Sandoval, Muñoz, & Márquez, 2021) By studying these best practices, policymakers can identify effective strategies that could be adapted to their own national or regional

contexts. For instance, the Salamanca Statement, adopted in 1994, has been a guiding framework for countries developing inclusive education systems. It emphasizes the need for schools to accommodate all children regardless of their physical, intellectual, social, or emotional conditions, and advocates for the reformation of policies and practices to align with inclusive education goals (Hernández-Torrano, Somerton, & Helmer, 2022).

Community involvement is another critical opportunity for improving inclusivity in education. When communities, parents, and local organizations actively promote inclusive education, the chances of success increase dramatically. Schools that foster strong relationships with families and communities are better able to address the unique needs of their students, particularly those with disabilities. Community involvement also helps combat societal biases by raising awareness and fostering a culture of acceptance and understanding. Programs that engage parents as partners in their children's education and provide them with resources and support can make a significant difference in the success of inclusive education (Zdravkova, 2022). Furthermore, allow students with special needs to access the curriculum in ways that would have been impossible in the past. As technology continues to advance, schools have more tools at their disposal to meet the diverse needs of their students. Additionally, online learning platforms and digital resources offer new possibilities for differentiation and personalized learning, ensuring that students with special needs receive tailored instruction that aligns with their individual learning styles.

## V. CONCLUSION AND RECOMMENDATIONS

### 5.1. Conclusion

Inclusive education is a transformative approach that ensures all students, regardless of their abilities or disabilities, have equal access to quality education. Both psychological and educational frameworks play a crucial role in promoting this inclusive environment. Psychological theories, such as cognitive-behavioral approaches and developmental psychology, offer deep insights into the unique learning needs of students with disabilities. These frameworks help educators



understand how to adapt their teaching methods, support emotional and behavioral development, and create tailored interventions to aid students' learning journeys. Additionally, psychological assessments are vital tools for identifying students' learning disabilities, cognitive delays, and mental health challenges, ensuring timely intervention and proper support.

On the educational side, frameworks like Universal Design for Learning and Response to Intervention (RTI) have been instrumental in fostering an inclusive classroom. These approaches emphasize the importance of providing multiple means of engagement, representation, and action in the learning process to accommodate diverse learners. Collaborative teaching, where educators work together to address students' needs, and the use of technology to enhance instruction further underscore the educational strategies that enable inclusive education. These frameworks equip schools and teachers with the tools to support not only students with disabilities but also the entire student body by promoting flexibility and accessibility in teaching methods.

#### 5.2. Recommendations

Educators, policymakers, and stakeholders should consider several recommendations to further enhance the role of psychological and educational frameworks in inclusive education. First, professional development for educators is paramount. Teachers must be adequately trained in both psychological theories and inclusive pedagogical practices. Training programs should focus on equipping teachers with the skills to identify and respond to the diverse needs of their students, using tools such as psychological assessments and interventions. Schools should prioritize continuous professional development in special education, ensuring that all staff, including administrators, understand inclusion principles comprehensively. By fostering a knowledgeable and prepared teaching force, schools can better address the unique needs of students with disabilities.

Second, policy reform is necessary to close the gaps in the current education system. Governments and policymakers should focus on creating enforceable policies that mandate the inclusion of all students, with

clear guidelines and accountability measures. This includes ensuring that schools receive adequate funding to provide the necessary resources, such as assistive technologies and classroom aides. Governments should also invest in building the infrastructure required for inclusive education, particularly in low-income regions, ensuring that physical accessibility and appropriate learning environments are available for all students.

Third, collaboration among stakeholders—including families, communities, and specialists—is crucial. Parents should be seen as partners in the education process, and schools should actively involve them in decision-making about their child's learning plans. Collaboration with psychologists, special education experts, and community organizations can support schools and teachers, enhancing the overall learning experience for students with disabilities.

Lastly, the integration of technology in inclusive education should be expanded. Assistive technologies that aid communication, mobility, and learning should be made more accessible to schools. Moreover, digital tools that facilitate personalized learning can help students with special needs engage with the curriculum more effectively. Technology has the potential to bridge gaps in traditional education models, making learning more adaptable and inclusive.

#### REFERENCES

- [1] Adams, D., & Young, K. (2021). A systematic review of the perceived barriers and facilitators to accessing psychological treatment for mental health problems in individuals on the autism spectrum. *Review Journal of Autism and Developmental Disorders*, 8(4), 436-453.
- [2] Aktan, O. (2020). Determination of Educational Needs of Teachers Regarding the Education of Inclusive Students with Learning Disability. *International Journal of Contemporary Educational Research*, 7(1), 149-164.
- [3] Basham, J. D., Blackorby, J., & Marino, M. T. (2020). Opportunity in crisis: The role of universal design for learning in educational

- redesign. *Learning Disabilities: A Contemporary Journal*, 18(1), 71-91.
- [4] Blake, B. (2015). Developmental psychology: Incorporating Piaget's and Vygotsky's theories in classrooms.
- [5] Brussino, O. (2020). Mapping policy approaches and practices for the inclusion of students with special education needs.
- [6] Carlson, R. G., Hock, R., George, M., Kumpiene, G., Yell, M., McCartney, E. D., . . . Weist, M. D. (2020). Relational factors influencing parents' engagement in special education for high school youth with emotional/behavioral problems. *Behavioral Disorders*, 45(2), 103-116.
- [7] Cartagena, S., & Pike, L. (2022). Defying deficit thinking: clearing the path to inclusion for students of all abilities. In *Handbook of research on challenging deficit thinking for exceptional education improvement* (pp. 101-126): IGI Global.
- [8] Cressey, J. (2020). Universal design for learning: Culturally responsive UDL in teacher education. In *Next generation digital tools and applications for teaching and learning enhancement* (pp. 137-158): IGI Global.
- [9] Davis, J., Gillett-Swan, J., Graham, L. J., & Malaquias, C. (2020). Inclusive education as a human right. In *Inclusive education for the 21st century* (pp. 79-99): Routledge.
- [10] De Beco, G. (2022). The right to 'inclusive' education. *The Modern Law Review*, 85(6), 1329-1356.
- [11] Dehn, M. J. (2022). *Essentials of processing assessment*: John Wiley & Sons.
- [12] DeMatthews, D., Billingsley, B., McLeskey, J., & Sharma, U. (2020). Principal leadership for students with disabilities in effective inclusive schools. *Journal of Educational Administration*, 58(5), 539-554.
- [13] Fernández-Batanero, J. M., Montenegro-Rueda, M., Fernández-Cerero, J., & García-Martínez, I. (2022). Assistive technology for the inclusion of students with disabilities: a systematic review. *Educational Technology Research and Development*, 70(5), 1911-1930.
- [14] Geesa, R. L., Mayes, R. D., Lowery, K. P., Quick, M. M., Boyland, L. G., Kim, J., . . . McDonald, K. M. (2022). Increasing partnerships in educational leadership and school counseling: A framework for collaborative school principal and school counselor preparation and support. *International Journal of Leadership in Education*, 25(6), 876-899.
- [15] Gheysens, E., Coubergs, C., Griful-Freixenet, J., Engels, N., & Struyven, K. (2022). Differentiated instruction: the diversity of teachers' philosophy and praxis to adapt teaching to students' interests, readiness and learning profiles. *International Journal of Inclusive Education*, 26(14), 1383-1400.
- [16] Gilmour, A. F., Sandilos, L. E., Pilny, W. V., Schwartz, S., & Wehby, J. H. (2022). Teaching students with emotional/behavioral disorders: Teachers' burnout profiles and classroom management. *Journal of Emotional and Behavioral Disorders*, 30(1), 16-28.
- [17] Griful-Freixenet, J., Struyven, K., & Vantieghem, W. (2021). Toward more inclusive education: an empirical test of the universal design for learning conceptual model among preservice teachers. *Journal of teacher education*, 72(3), 381-395.
- [18] Grigorenko, E. L., Compton, D. L., Fuchs, L. S., Wagner, R. K., Willcutt, E. G., & Fletcher, J. M. (2020). Understanding, educating, and supporting children with specific learning disabilities: 50 years of science and practice. *American Psychologist*, 75(1), 37.
- [19] Handel, D. V., & Hanushek, E. A. (2023). US school finance: Resources and outcomes. In *Handbook of the Economics of Education* (Vol. 7, pp. 143-226): Elsevier.
- [20] Hata, A., Yuwono, J., Purwana, R., & Nomura, S. (2021). *Embracing diversity and inclusion in Indonesian schools: Challenges and policy options for the future of inclusive education*: World Bank Washington, DC.
- [21] Hernández-Torrano, D., Somerton, M., & Helmer, J. (2022). Mapping research on inclusive education since Salamanca Statement: a bibliometric review of the literature over 25

- years. *International Journal of Inclusive Education*, 26(9), 893-912.
- [22] Hoffmann, J. D., Brackett, M. A., Bailey, C. S., & Willner, C. J. (2020). Teaching emotion regulation in schools: Translating research into practice with the RULER approach to social and emotional learning. *Emotion*, 20(1), 105.
- [23] Ileri, B. R., King'endo, M., Wangila, E., & Thurania, S. (2020). Policy strategies for effective implementation of inclusive education in Kenya. *International Journal of Educational Administration and Policy Studies*, 12(1), 28-42.
- [24] Jurkowski, S., Ulrich, M., & Müller, B. (2023). Co-teaching as a resource for inclusive classes: Teachers' perspectives on conditions for successful collaboration. *International Journal of Inclusive Education*, 27(1), 54-71.
- [25] Khadidja, K. (2020). Constructivist theories of Piaget and Vygotsky: Implications for pedagogical practices.
- [26] Kranzler, J. H., & Floyd, R. G. (2020). *Assessing intelligence in children and adolescents: A practical guide for evidence-based assessment*: Rowman & Littlefield.
- [27] Larosa, Y., Zebua, P., Zebua, Y., & Heryanto, H. (2022). Inclusive education management of children with special needs in the learning process and teacher handling. *Devotion: Journal of Research and Community Service*, 3(14), 2736-2748.
- [28] Love, H. R., & Horn, E. (2021). Definition, context, quality: Current issues in research examining high-quality inclusive education. *Topics in Early Childhood Special Education*, 40(4), 204-216.
- [29] Mason-Williams, L., Bettini, E., Peyton, D., Harvey, A., Rosenberg, M., & Sindelar, P. T. (2020). Rethinking shortages in special education: Making good on the promise of an equal opportunity for students with disabilities. *Teacher Education and Special Education*, 43(1), 45-62.
- [30] Matthys, W., & Schutter, D. J. (2021). Increasing effectiveness of cognitive behavioral therapy for conduct problems in children and adolescents: What can we learn from neuroimaging studies? *Clinical Child and Family Psychology Review*, 24(3), 484-499.
- [31] Noviska, D., & Anastasia, F. (2023). Students' Learning Styles (VRAK Model) in Learning English. *Didakt. J. Kependidikan*, 17(1), 58-70.
- [32] Óskarsdóttir, E., Donnelly, V., Turner-Cmucha, M., & Florian, L. (2020). Inclusive school leaders—their role in raising the achievement of all learners. *Journal of Educational Administration*, 58(5), 521-537.
- [33] Peters, S. J. (2022). The challenges of achieving equity within public school gifted and talented programs. *Gifted Child Quarterly*, 66(2), 82-94.
- [34] Prasetya, R. (2021). English Teaching Based-Strategy LMS Moodle and Google Classroom. *English Education: Journal of English Teaching and Research*, 6(1), 32-44.
- [35] Rice, R. H. (2015). Cognitive-behavioral therapy. *The Sage encyclopedia of theory in counseling and psychotherapy*, 1, 194.
- [36] Sandoval, M., Muñoz, Y., & Márquez, C. (2021). Supporting schools in their journey to inclusive education: Review of guides and tools. *Support for Learning*, 36(1), 20-42.
- [37] Schiller, E., Chow, K., Thayer, S., Nakamura, J., Wilkerson, S. B., & Puma, M. (2020). What Tools Have States Developed or Adapted to Assess Schools' Implementation of a Multi-Tiered System of Supports/Response to Intervention Framework? REL 2020-017. *Regional Educational Laboratory Appalachia*.
- [38] Schuster, J. (2022). *The role of international organisations and non-state actors in the implementation of the UN Convention on the Rights of Persons with Disabilities and inclusive education*.
- [39] Simons, M., Baeten, M., & Vanhees, C. (2020). Team teaching during field experiences in teacher education: Investigating student teachers' experiences with parallel and sequential teaching. *Journal of teacher education*, 71(1), 24-40.
- [40] Stenman, S., & Pettersson, F. (2020). Remote teaching for equal and inclusive education in rural areas? An analysis of teachers' perspectives on remote teaching. *The international journal of*

*information and learning technology*, 37(3), 87-98.

- [41] Szumski, G., Smogorzewska, J., & Grygiel, P. (2022). Academic achievement of students without special educational needs and disabilities in inclusive education–Does the type of inclusion matter? *Plos one*, 17(7), e0270124.
- [42] Thomas, G., & Loxley, A. (2022). *Deconstructing Special Education and Constructing Inclusion 3e*: McGraw-Hill Education (UK).
- [43] Young, S., Hollingdale, J., Absoud, M., Bolton, P., Branney, P., Colley, W., . . . Farrag, E. (2020). Guidance for identification and treatment of individuals with attention deficit/hyperactivity disorder and autism spectrum disorder based upon expert consensus. *BMC medicine*, 18, 1-29.
- [44] Zdravkova, K. (2022). The potential of artificial intelligence for assistive technology in education. In *Handbook on Intelligent Techniques in the Educational Process: Vol 1 Recent Advances and Case Studies* (pp. 61-85): Springer.