

SOCIOEMOTIONAL EDUCATION IN EARLY CHILDHOOD: PATHWAYS TO INTEGRAL AND AFFECTIVE DEVELOPMENT

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ABSTRACT

Socioemotional education during early childhood is pivotal for fostering integral and affective development, laying foundations for emotional regulation, social competence, and lifelong well-being. This article synthesizes contemporary research demonstrating how socioemotional learning (SEL) programs enhance children's prosocial behavior, self-awareness, and cognitive skills. It highlights the neuroscientific underpinnings of early interventions and the critical role of caregivers and educators in nurturing emotional and social growth. Longitudinal evidence underscores the lasting impact of socioemotional education on reducing behavioral problems and improving academic success, supporting the case for its inclusion in early childhood curricula worldwide. The holistic development achieved through socioemotional education contributes not only to individual well-being but also to fostering resilient and cohesive communities.

Keywords: Early childhood education. Socioemotional learning. Integral development. Affective development. Emotional regulation. Prosocial behavior. Early intervention. Neuroscience of childhood. Caregiver-child relationship. Lifelong well-being.



1 INTRODUCTION

Socioemotional education in early childhood plays a fundamental role in fostering integral and affective development during a critical phase of human growth. The early years are marked by rapid brain development, which underpins the formation of emotional regulation, social competence, and self-awareness—essential skills that influence not only immediate well-being but also academic success and lifelong mental health (Jones et al., 2024; Darling-Churchill, 2016). By integrating socioemotional learning (SEL) into early childhood education, children are equipped with tools to manage their emotions, build positive relationships, and navigate social environments effectively. Various studies demonstrate that SEL programs significantly improve children's prosocial behaviors, emotional regulation, and cognitive outcomes, highlighting the long-term benefits of early interventions (Durlak et al., 2011; Wilkins et al., 2023).

The processes supporting socioemotional development involve a complex interplay between neurological maturation and environmental interactions, especially the quality of early caregiving and educational settings (de Silva, 2019). Secure attachments and responsive caregiving foster safe emotional environments where children learn to express and understand their emotions, which is crucial for developing resilience and empathy (Jones & Lombardi, 2024). Such environments not only promote individual affective well-being but also lay the groundwork for educational engagement and social integration. Early educators, therefore, have a critical role as role models and nurturers, shaping children's emotional experiences and helping them develop key skills like cooperation, conflict resolution, and self-control (TeachKloud, 2024). These competencies are linked to improved academic performance and healthier social trajectories, emphasizing the necessity of socioemotional education as a cornerstone of early childhood programs.

The integral development of children encompasses the union of social, cognitive, and affective dimensions, reflecting a holistic approach to education. Implementing SEL curricula has been shown to enhance children's ability to self-regulate, engage in learning, and form meaningful social connections that support comprehensive growth (IADB, 2023). Programs such as the Think Equal intervention in Colombia demonstrate that well-designed socioemotional curricula yield measurable gains in prosocial behavior and self-awareness among young children, even when adapted for hybrid learning scenarios due to constraints like the COVID-19 pandemic (Think Equal Program, 2023).



Early acquisition of socioemotional skills fosters positive feedback loops that benefit not only individuals but also the community at large, contributing to healthier societies by reducing behavioral problems and promoting social stability.

Socioemotional education in early childhood has profound and lasting effects that extend well into adolescence and adulthood, influencing social behaviors, mental health, and educational outcomes. Longitudinal studies reveal that children who receive early interventions aimed at developing socioemotional skills demonstrate reduced disruptive behaviors and increased prosocial behaviors over time, even during challenging transitions such as from preschool to primary school (Denham et al., 2013; Rizzo et al., 2025). Programs like "Timmy's Trip to Planet Earth," which combine teacher training, classroom activities, family involvement, and ongoing support, have shown sustained improvements in emotional recognition, social competence, and behavioral adjustment. These long-term benefits underscore the importance of early, comprehensive socioemotional education as a foundation for healthy psychological development and social integration (Rizzo et al., 2025).

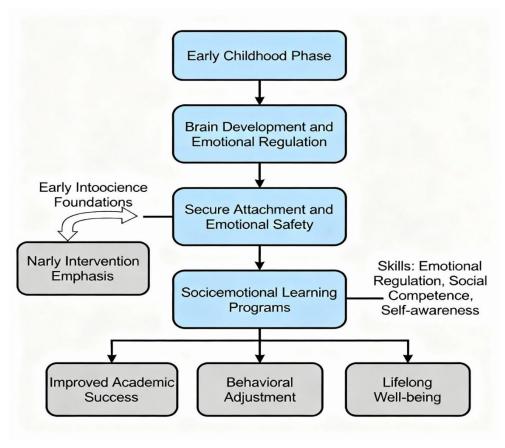
The flowchart illustrates the essential pathway of socioemotional education in early childhood, beginning with the early childhood phase, which sets the stage for rapid brain development and emotional regulation. It emphasizes the critical role of caregivers and educators in establishing secure attachments and emotional safety, which create a nurturing environment for children to engage in socioemotional learning programs. These programs focus on developing core skills such as emotional regulation, social competence, and self-awareness. The acquisition of these skills leads to improved academic success, behavioral adjustment, and lifelong well-being. The chart also highlights the continuous feedback loop between neuroscience foundations and all stages of development, underscoring the importance of early intervention for shaping brain architecture and supporting integral and affective growth throughout life. This schematic clearly presents how early socioemotional education forms a holistic foundation for children's comprehensive development and future resilience.



Figure 1

Pathways of Socioemotional Education in Early Childhood for Integral and Affective

Development



Source: Created by author.

The neuroscience underlying socioemotional development further supports the critical timing of early childhood interventions. During this period, neural circuits involved in emotion regulation, such as those connecting the amygdala and the medial prefrontal cortex, undergo significant maturation influenced by caregiver-child interactions (Tottenham, 2014). Positive experiences in early relationships actively shape brain architecture, facilitating the integration of emotional regulation with executive functions essential for decision-making, attention, and problem-solving (Center on the Developing Child, 2024; Mesquita, 2022). Conversely, adverse experiences during these sensitive periods can disrupt neural development, leading to difficulties in emotional control and social behavior later in life. Therefore, socioemotional education in early childhood not only nurtures immediate social and emotional competence but also architecturally supports the brain for lifelong adaptive capacities and well-being (Tottenham, 2014; Center on the Developing Child, 2024).



REFERENCES

- Center on the Developing Child at Harvard University. (2024). Early childhood and the developing brain.
- Darling-Churchill, K. E. (2016). Early childhood social and emotional development: Advancing the field of measurement. Early Childhood Research Quarterly, 37, 1–13.
- DA SILVA, Eduardo Nunes. (2024). GREEN NANOTECHNOLOGY APPLIED TO CIRCULAR MANUFACTURING. LUMEN ET VIRTUS, 14(32). https://doi.org/10.56238/levv14n32-029
- De Silva, L. C. (2019). Dysfunctions in socioemotional development: An integrative review. Text & Context Nursing, 28.
- Denham, S. A., et al. (2013). Long-term impact of the promotion of social and emotional skills. Psicologia: Reflexão e Crítica, 26(1), 141–154.
- Durlak, J. A., et al. (2011). The impact of enhancing students' social and emotional learning: A meta-analysis of school-based universal interventions. Child Development, 82(1), 405–432.
- Filho, W. L. R. (2025). THE ROLE OF AI IN ENHANCING IDENTITY AND ACCESS MANAGEMENT SYSTEMS. International Seven Journal of Multidisciplinary, 1(2). https://doi.org/10.56238/isevmjv1n2-011
- Filho, W. L. R. (2025). The Role of Zero Trust Architecture in Modern Cybersecurity: Integration with IAM and Emerging Technologies. Brazilian Journal of Development, 11(1), e76836. https://doi.org/10.34117/bjdv11n1-060
- Freitas, G. B., Rabelo, E. M., & Pessoa, E. G. (2023). Projeto modular com reaproveitamento de container marítimo. Brazilian Journal of Development, 9(10), 28303–28339. https://doi.org/10.34117/bjdv9n10057
- Freitas, G. B., Rabelo, E. M., & Pessoa, E. G. (2023). Projeto modular com reaproveitamento de container marítimo. Brazilian Journal of Development, 9(10), 28303–28339. https://doi.org/10.34117/bjdv9n10057
- Inter-American Development Bank (IADB). (2023). Socioemotional learning in early childhood education: Experimental evidence from the Think Equal program's implementation in Colombia.
- Jones, S. M., et al. (2024). Enhancing social-emotional skills in early childhood. NIH Public Access.
- Mesquita, D. A. R. M. (2022). The importance of early developmental neuroscience for socioemotional learning. Psicologia: Ciência e Profissão, 42(1), Article e217620.
- Oliveira, C. E. C. de. (2025). Gentrification, urban revitalization, and social equity: Challenges and solutions. Brazilian Journal of Development, 11(2), e77293. https://doi.org/10.34117/bjdv11n2-010
- Pessoa, E. G. (2024). Pavimentos permeáveis uma solução sustentável. Revista Sistemática, 14(3), 594–599. https://doi.org/10.56238/rcsv14n3-012



- Pessoa, E. G. (2024). Pavimentos permeáveis uma solução sustentável. Revista Sistemática, 14(3), 594–599. https://doi.org/10.56238/rcsv14n3-012
- Pessoa, E. G. (2024). Pavimentos permeáveis uma solução sustentável. Revista Sistemática, 14(3), 594–599. https://doi.org/10.56238/rcsv14n3-012
- Pessoa, E. G. (2025). Optimizing helical pile foundations: A comprehensive study on displaced soil volume and group behavior. Brazilian Journal of Development, 11(4), e79278. https://doi.org/10.34117/bjdv11n4-047
- Pessoa, E. G. (2025). Utilizing recycled construction and demolition waste in permeable pavements for sustainable urban infrastructure. Brazilian Journal of Development, 11(4), e79277. https://doi.org/10.34117/bjdv11n4-046
- Pessoa, E. G., Feitosa, L. M., e Padua, V. P., & Pereira, A. G. (2023). Estudo dos recalques primários em um aterro executado sobre a argila mole do Sarapuí. Brazilian Journal of Development, 9(10), 28352–28375. https://doi.org/10.34117/bjdv9n10059
- PESSOA, E. G., FEITOSA, L. M., PEREIRA, A. G., & EPADUA, V. P. (2023). Efeitos de espécies de alna eficiência de coagulação, Al residual e propriedade dos flocos no tratamento de águas superficiais. Brazilian Journal of Health Review, 6(5), 24814-24826. https://doi.org/10.34119/bjhrv6n5523
- Recycling of rare earth elements using ionic liquids for regenerative manufacturing. (2023). International Seven Journal of Multidisciplinary, 2(5). https://doi.org/10.56238/isevmjv2n5-037
- Rizzo, N. S., et al. (2025). Timmy's Trip to Planet Earth: The long-term effects of a social and emotional education program during the preschool-to-primary school transition. Frontiers in Psychology, 16, Article 854756. https://doi.org/10.3389/fpsyg.2025.854756
- SANTOS, Hugo, & PESSOA, Eliomar Gotardi. (2024). Impacts of digitalization on the efficiency and quality of public services: A comprehensive analysis. LUMEN ET VIRTUS, 15(40), 4409-4414. https://doi.org/10.56238/levv15n40024
- SANTOS, Hugo, & PESSOA, Eliomar Gotardi. (2024). Impacts of digitalization on the efficiency and quality of public services: A comprehensive analysis. LUMEN ET VIRTUS, 15(40), 4409-4414. https://doi.org/10.56238/levv15n40024
- Silva, E. N. da. (2025). Urban circular microfactories: Local micro-plants for regenerative urban economies. Brazilian Journal of Development, 11(9), e82335. https://doi.org/10.34117/bjdv11n9-059
- Silva, J. F. (2025). Desafios e barreiras jurídicas para o acesso à inclusão de crianças autistas em ambientes educacionais e comerciais. Brazilian Journal of Development, 11(5), e79489. https://doi.org/10.34117/bjdv11n5-011
- TeachKloud. (2024). Emotional development in early childhood education: A practical guide.
- Think Equal Program. (2023). Early childhood socioemotional learning intervention outcomes.



- Tottenham, N. (2014). The importance of early experiences for neuro-affective development. Current Directions in Psychological Science, 23(4), 261–267.
- Wilkins, A. S., et al. (2023). Long-term benefits of social-emotional learning in early childhood settings. Journal of Child Psychology and Psychiatry.
- (Eliomar Gotardi Pessoa, & Coautora: Glaucia Brandão Freitas). (2022). ANÁLISE DE CUSTO DE PAVIMENTOS PERMEÁVEIS EM BLOCO DE CONCRETO UTILIZANDO BIM (BUILDING INFORMATION MODELING). Revistaft, 26(111), 86. https://doi.org/10.5281/zenodo.10022486
- (Eliomar Gotardi Pessoa, Gabriel Seixas Pinto Azevedo Benittez, Nathalia Pizzol de Oliveira, & Vitor Borges Ferreira Leite). (2022). ANÁLISE COMPARATIVA ENTRE RESULTADOS EXPERIMENTAIS E TEÓRICOS DE UMA ESTACA COM CARGA HORIZONTAL APLICADA NO TOPO. Revistaft, 27(119), 67. https://doi.org/10.5281/zenodo.7626667
- (Eliomar Gotardi Pessoa, & Coautora: Glaucia Brandão Freitas). (2022). ANÁLISE COMPARATIVA ENTRE RESULTADOS TEÓRICOS DA DEFLEXÃO DE UMA LAJE PLANA COM CARGA DISTRIBUÍDA PELO MÉTODO DE EQUAÇÃO DE DIFERENCIAL DE LAGRANGE POR SÉRIE DE FOURIER DUPLA E MODELAGEM NUMÉRICA PELO SOFTWARE SAP2000. Revistaft, 26(111), 43. https://doi.org/10.5281/zenodo.10019943