



Social Developmental Model & Montessori Inclusion

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Agenda

- Introduction
- Social Developmental Pediatrics
- Montessori Inclusion
- Context

Introduction

MONTESSORI

- A whole child approach
- Preparation of the environment for independent learning

SOCIAL DEVELOPMENTAL MODEL: HELLBRÜGGE

- Social inclusion is the most important determinant of outcome for the child
- Early detection, intervention, and social integration
- Developmental focus
- Collaborative teaming

MONTESSORI INCLUSION

- Social/emotional development of equal importance to academics
- Well-trained staff in sufficient numbers

Social Developmental Pediatrics- Core Concepts

- Full inclusion is the goal
- Early detection, early intervention, and early social integration
- Opportunities for graded integration tailored to student's needs
- Providers have Developmental perspective
- Team Approach
 - Team works together in an interdisciplinary manner
 - Parents and teachers are part of the team
 - Ongoing collaboration among team members

Full Inclusion

Exclusion



Separation



Integration



Inclusion





The Role of Social Integration

Children with Disabilities are Especially Vulnerable

Limited Access
to Support
Services:

Reduced Social
Opportunities:

Impact on
Parental Well-
being:

Increased Risk
of Mental
Health Issues

Mitigate the Effects of Social Isolation

- Be and advocate! Lead by example
- Promote inclusive environments and attitudes
- Support families
- Work for equal access to inclusive education and community programs.

- Universal Screening
- Access to therapeutic intervention
- Inclusion in family life and school

Early Detection, Intervention, and Social Inclusion

Universal Screening=Early Detection



Early
Intervention
and Treatment

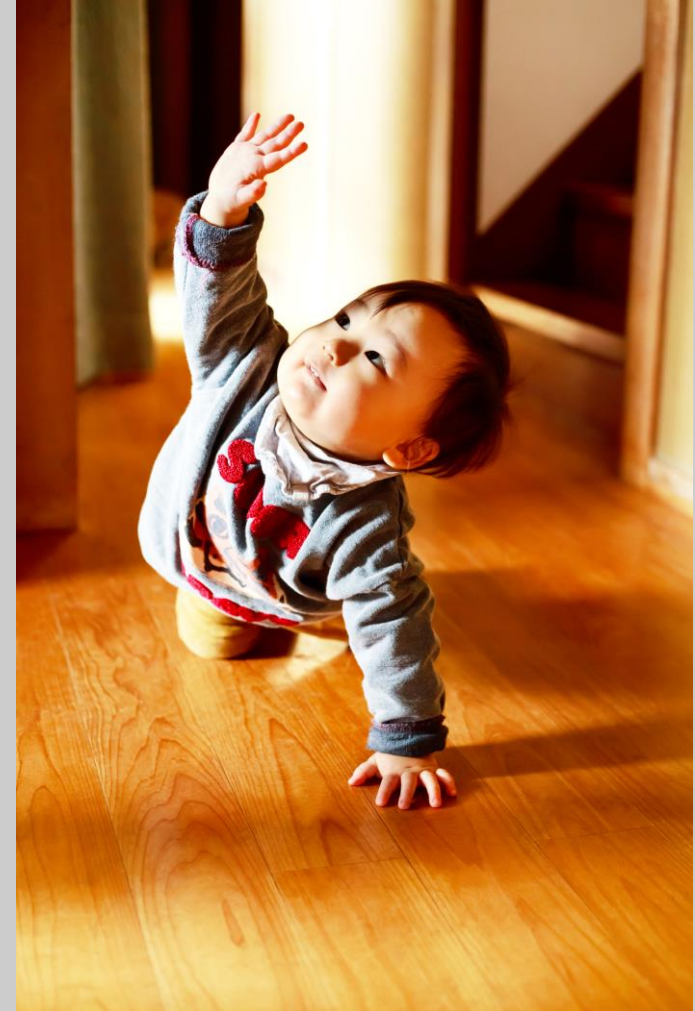
Improved
School
Readiness

Cost Savings

Improved
Family Well-
being

Equitable
Access to
Services

Intervene Early



Early Social Integration

- Family
- School
- Community
- Spiritual Life





Graded Integration

BASED ON THE
CHILD'S NEEDS

Developmental Perspective

- Holistic
- Early Intervention
- Individualized Care
- Multidisciplinary Teams
- Lifespan Approach





Team Approach

- Ongoing collaboration
- Interdisciplinary team
- Parents and teacher are part of the team

How Will Your Team Collaborate?

MULTIDISCIPLINARY

Additive

Different disciplines share their unique knowledge.

INTERDISCIPLINARY

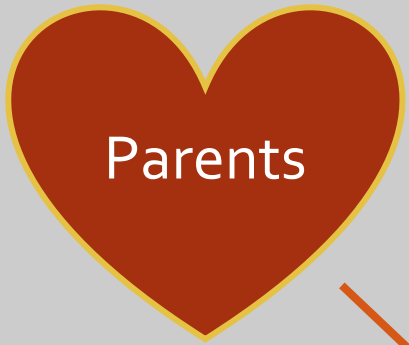
Interactive / Bridges

Different disciplines analyze and synthesize links between them.

TRANSDISCIPLINARY

Holistic

Co-equal members from different disciplines come together to co-create solutions.



Teacher
Special Educator
Specials Teachers

Developmental
Pediatrician
Psychologist
Speech Therapist
Occupational
Therapist
Physical
Therapist
Orton Tutor
+Others



Inter-disciplinary Team Sharing

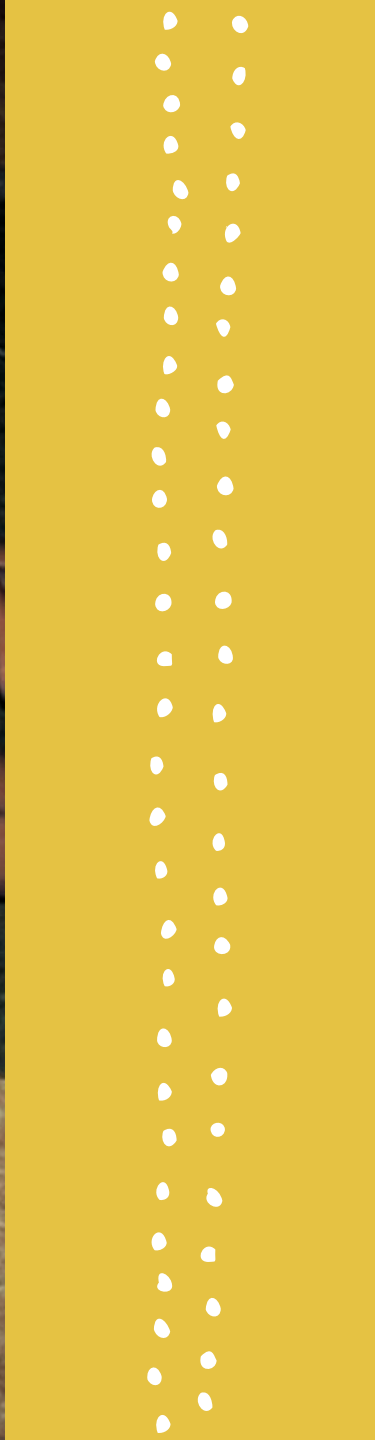
- Perspectives
- Goals
- Methods and strategies

Support the Development of Your Team



- Make time for communication (meeting times) and work against siloed thinking – everyone is working with the child at the center of their thinking
- Promote a culture of inclusion in the broadest sense
 - Be available to listen and address questions, concerns and ideas
 - Watch for signs of burnout

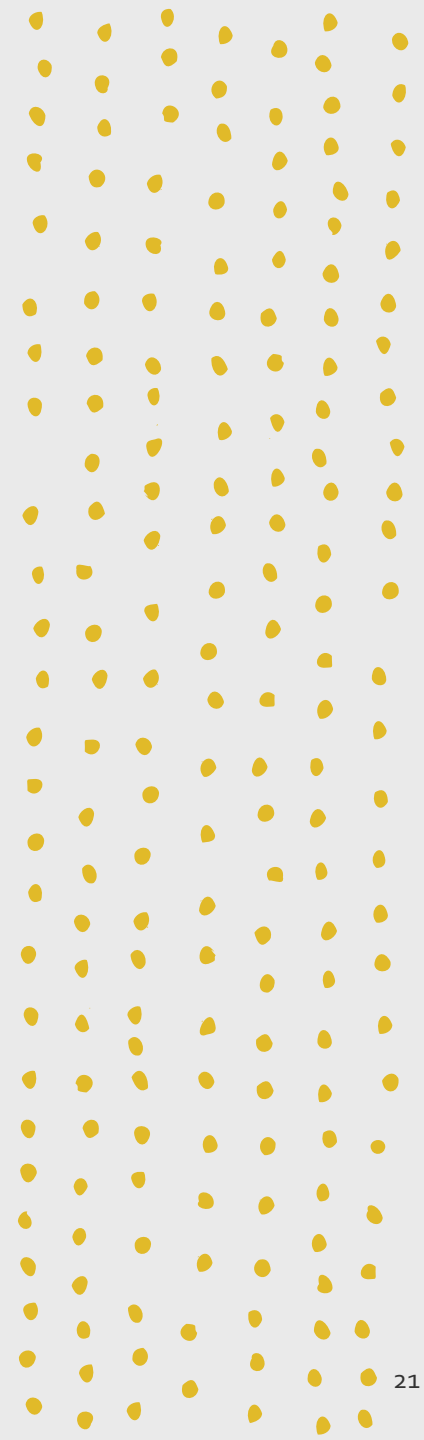
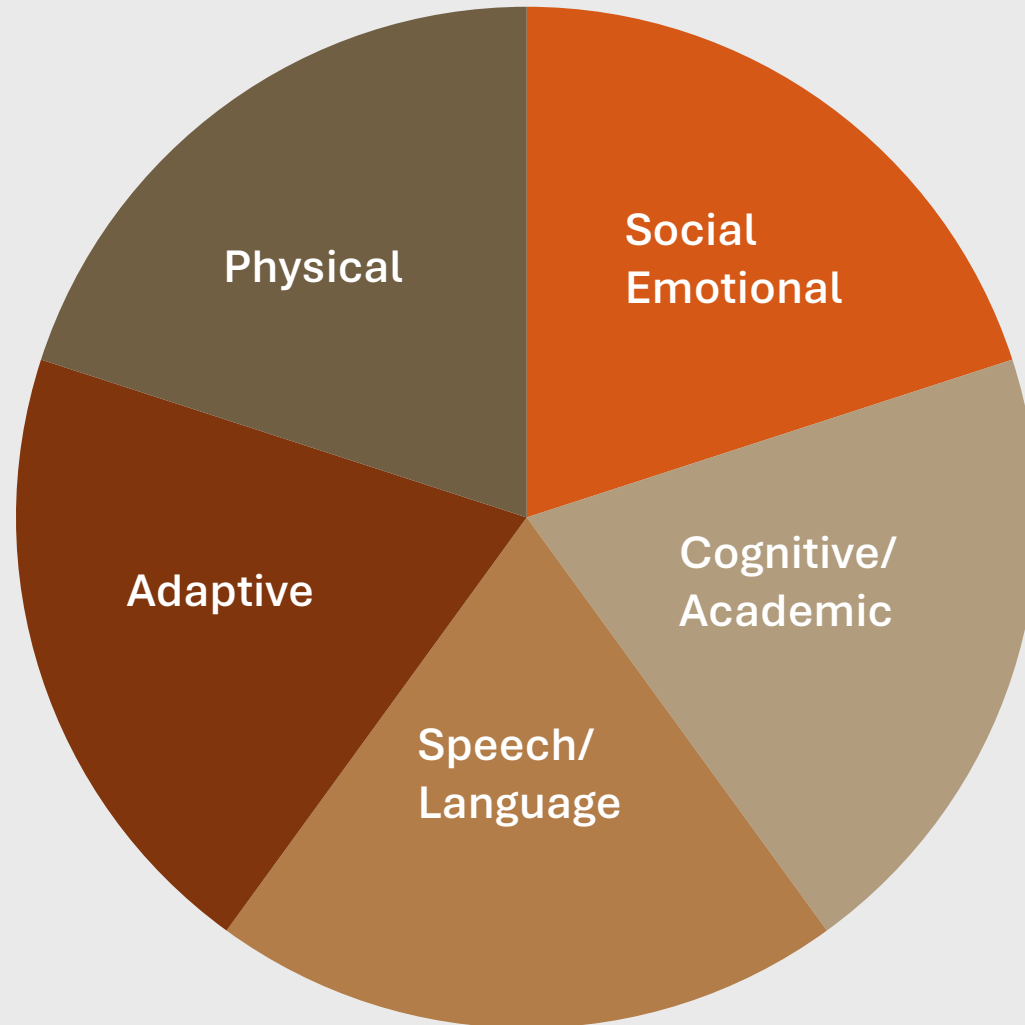
Montessori Inclusion



Montessori Inclusion

- Whole child approach
- Educational and social development are of equal importance
- Children's emotional issues are addressed by professionals
- Focus on intensive relationship building
- Services from specialists and experts- educators provide the interface
- Frequent communication and discussions with parents and parent counselling if needed
- Well-trained staff in sufficient number

A Whole-child Approach to Development

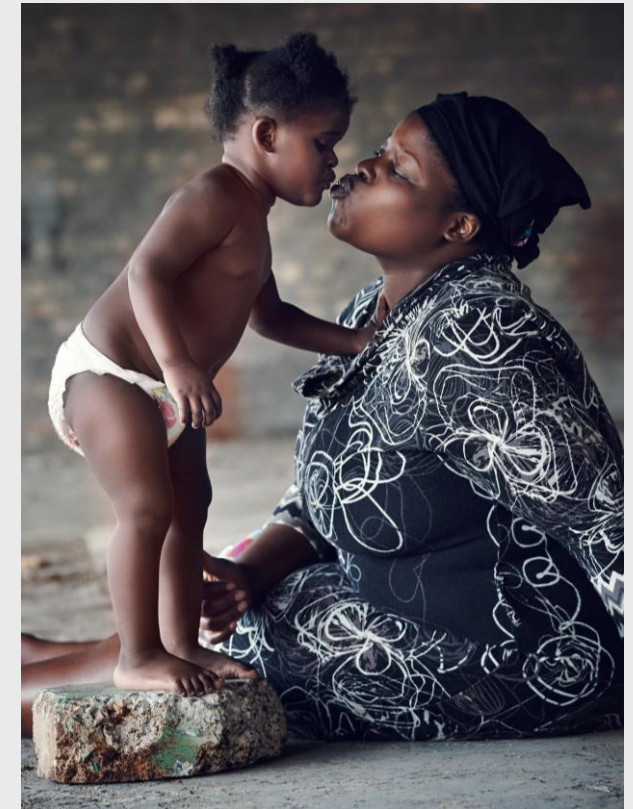


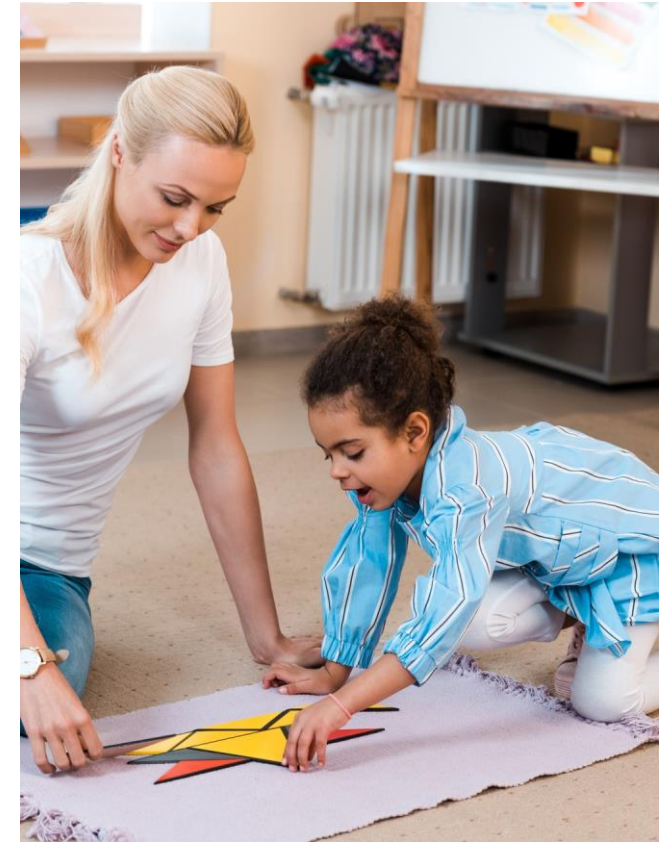
Academic & Social Development are of Equal Importance

- Children's emotional issues are addressed by professionals
- Focus on intensive relationship building
- Services from specialists and experts, educators provide the interface
- Frequent communication and discussions with parents and parent counselling if needed

Supporting Emotional Development

- Emotional issues addressed by professionals
- Focus on intensive relationship building
- Services from specialists and experts and educators provide the interface
- Frequent communication and discussions with parents
- Parent counselling if needed





Well-trained Staff in Sufficient Numbers







Context

- Developing trust with parents
- Building a partnership with parents
- There may be distrust of medical systems
- Parents may resist including the child due to shame

WORKING PAPER

Extreme Heat Affects Early Childhood Development and Health

Read Working Paper 1 from the Early Childhood Scientific Council on Equity and the Environment, which explores the implications of rising global temperatures on early childhood development and lifelong health.

[Read the Full Paper](#)



**Harvard University's Site:
Center on the Developing Child**

<https://developingchild.harvard.edu/>

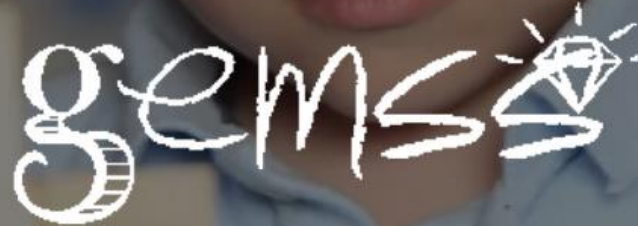
negenetics.org/genetic-education-materials-school-success-gemss



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Genetic Education Materials for School Success (GEMSS)



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What's Next?

COP GHANA MEETING:

SATURDAY, AUGUST 17, 2024

JULIET MAGYAN, PT MULTIKIDS

*PRACTICE IN GHANA IN SCHOOL AND
COMMUNITY SETTINGS*

montessori4inclusion.org/cop-resources/



References

Algood, C. L., Harris, L., Hong, J. S., & Sideris, J. (2013). Caregiver burden in families of individuals with intellectual disability and autism spectrum disorder: A review of literature. *Journal of Intellectual Disability Research*, 57(12), 1047–1062.

Baker, B. L., Blacher, J., Crnic, K. A., & Edelbrock, C. (2003). Behavior problems and parenting stress in families of three-year-old children with and without developmental delays. *American Journal on Mental Retardation*, 108(6), 339–351.

Campbell, F., Conti, G., Heckman, J. J., et al. (2014). Early childhood investments substantially boost adult health. *Science*, 343(6178), 1478-1485.
doi:10.1126/science.1248429

Council on Children with Disabilities, Section on Developmental Behavioral Pediatrics, Bright Futures Steering Committee. (2006). Identifying Infants and Young Children With Developmental Disorders in the Medical Home: An Algorithm for Developmental Surveillance and Screening. *Pediatrics*, 118(1), 405-420. doi:10.1542/peds.2006-1231

Feldman, R. (2015). The adaptive human parental brain: implications for children's social development. *Trends in Neurosciences*, 38(6), 387–399.

Freeman, R., Fielding, E., Criddle, L., & Carey, P. (2015). Social participation of children with disabilities in mainstream early childhood education and care: A review of the literature. *Early Child Development and Care*, 185(7), 1101–1126.

Glascoe, F. P., Sandler, H. P., O'Brien, M. S., Short, J. A., & Brixey, S. N. (1991). Detecting developmental and behavioral problems in primary care: a comparison of two screening instruments. *Pediatrics*, 88(3), 524-529.

Grosse, S. D. (2009). Prevention and the economics of child maltreatment. *Paediatrics & Child Health*, 14(5), 377-378. doi:10.1093/pch/14.5.377

Gunnar, M. R., & Quevedo, K. (2007). The neurobiology of stress and development. *Annual Review of Psychology*, 58, 145–173.

Holt-Lunstad, J., Smith, T. B., Baker, M., Harris, T., & Stephenson, D. (2015). Loneliness and social isolation as risk factors for mortality: a meta-analytic review. *Perspectives on Psychological Science*, 10(2), 227–237.

Johnson, C. P., & Myers, S. M. (2007). Identification and evaluation of children with autism spectrum disorders. *Pediatrics*, 120(5), 1183-1215. doi:10.1542/peds.2007-2361.

Raghavendra, P., Olsson, C., Sampson, J., Mcinerney, R. J., & Connell, T. (2013). Adjustment trajectories in mothers of children with intellectual disability: Associations with children's challenging behaviour and family support. *Journal of Intellectual Disability Research*, 57(5), 419–432.

Shonkoff, J. P., Garner, A. S., Siegel, B. S., Dobbins, M. I., Earls, M. F., McGuinn, L., ... & Committee on Psychosocial Aspects of Child and Family Health, Committee on Early Childhood, Adoption, and Dependent Care, & Section on Developmental and Behavioral Pediatrics. (2012). The lifelong effects of early childhood adversity and toxic stress. *Pediatrics*, 129(1), e232–e246.

Spittle, A. J., & Treyvaud, K. (2015). The role of early developmental intervention to influence neurobehavioral outcomes of children born preterm. *Seminars in Perinatology*, 39(5), 443–451.

<https://presence.com/insights/what-is-long-term-impact-of-isolation-on-childs-mental-health/>