

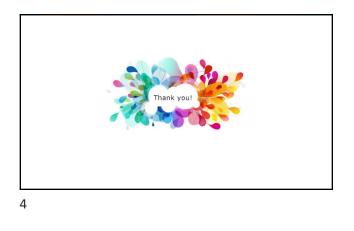
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Some of the Impacts of COVID19

- A disrupted education schedule—no consistency
- Academic gap grew among children—due to inequalities of access and support
- Increased trauma and stress for many children
- Social isolation and worries about re-engaging in face-to-face instruction
- Increased pressure on teachers and parents

All of these and many other problems have been exacerbated for children with special needs

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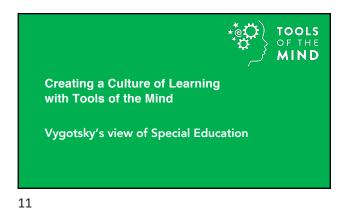
What is Tools of the Minde?Tools of the Mind® provides
a coherent approach to
building the foundation for
every child's long-term
school and life success.Tools embeds this approach
in a comprehensive PreK & k
curriculum with robust
teacher professional
development.







Vygotsky's view of special education Promoting self-regulated behaviors The power of multi-level activities 10





- processes is mediated by adults in the peers

Vygotskian approach to disability



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- Is aimed against a deficit view of disability to focus instead primarily and centrally on individual differences
- "a child whose development is impeded by a defect is not simply a child less developed than his peers but is a child who has developed differently" (1993, p.
- who has developed differently (1993, p. 30). The reason that secondary disabilities develop is that primary disabilities often prevent a child from mastering the cultural tools critical for engaging in social interactions.
- It prevents the child from acquiring even more cultural tools and eventually leads to systemic distortions in this child's mental functioning.

Vygotskian approach to Special Education



 Using Dynamic Assessment to determine the factors contributing to the child's learning problems Focusing on the whole child and not on one "impaired" function

- Making sure the child engages in social interactions with peers in the context of age-appropriate activities Re-mediation as a means for remediation: teaching children to use mental tools

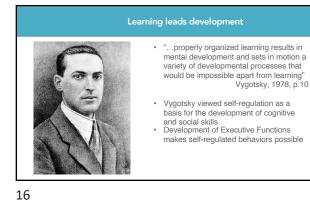
"Thought is the highest form of compensation for the insufficiencies of visual perception"

Vygotsky, 1993, p. 204





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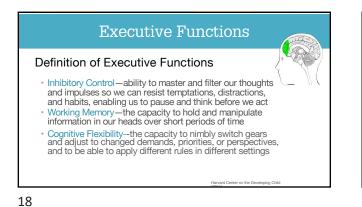
Executive Functions What are Executive Functions? A set of mental skills identified by neuroscience

that

- Make deliberate cognitive and social self-regulated behaviors possible Are associated with maturation of the prefrontal
- cortex

When do you use Executive Functions?

- When you need to be intentional
- When you need to learn to do something new, on purpose
- When you need take another person's perspective







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Supporting self-regulated learning in the classroom

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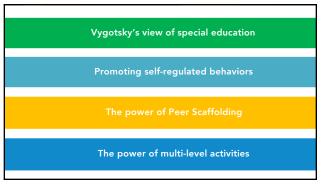
- Whv? It is more than the content—how we teach matters as much as $\ensuremath{\textbf{what}}$ we teach
- It takes time and an active, engaged mind to internalize something new— multiple exposures and intentional practice—self-regulated learning
- Focusing only on "associative memory" (pairing of one fact to another without cultivating deeper neural networks) leads to superficial memories
- which are easily lost Self-regulation helps children control feelings of anxiety that naturally arise as you make mistakes or struggle with remembering



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The Power of Peer Scaffolding

Creating a classroom culture of **peer scaffolding** has positive academic and social-emotional learning benefits:

- Helping another person learn has positive learning benefits for the helper. It reinforces learning and strategy use
- Peer scaffolding allows children to practice independently, increasing total engaged practice time, and reducing practice errors
- Positive social interactions in learning activities build feelings of belonging, agency and acceptance in the classroom community

The Power of Peer Scaffolding

Lessons from Tools of the Mind

- Pairings enact principles of equity—Peer scaffolding activities must be designed so that children with different levels of skill can provide authentic support to each other. Children with fewer skills should not always be the partners being "tutored" but can actually provide meaningful support to more skilled partners
- · Peer Scaffolding requires norms, clear focuses and child agency
- Every child is partnered with every other child in the class, no exceptions. Teachers help children who don't get along learn to work together.

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How we group children matters
Lessons from Tools of the Mind
Group and teach in ways that promote "intellectual equity," so all children engage in the the same complex, intellectually interesting content using materials geared toward individualized needs
Provide repeated opportunities to think about the same big ideas with different peers in different activities

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- Lessons from Tools of the Mind • Create multi-level activities where children at different levels of ability can engage in the same activity instead of creating a different activity with different content for each skill level.
- Multi-level activities allow teachers to provide individualized scaffolding and children to practice what they need to practice while being engaged in the same creative, intellectually interesting activity.



