



Executive Function Webcast Series 3



Executive Function:
Who May Be Impacted?
When Does It Happen?



Inspiring Change for People
with Disabilities

About OCALI












Vision - Why We Do What We Do
People with disabilities have the opportunity to live their best lives.


Mission - What We Do
OCALI inspires change and promotes access to opportunities for people with disabilities.

Action - How We Do What We Do
OCALI informs public policy and develops and deploys practices grounded in linking research to real life.



OCALI Centers

-  Autism Center
-  Lifespan Transitions Center
-  THE OUTREACH CENTER for Deafness and Blindness
-  Center for the Young Child
-  Teaching Diverse Learners Center
-  Assistive Technology & Accessible Educational Materials Center
-  Family Center
-  Universal Design for Learning Center
-  ASD STRATEGIES IN ACTION autism certification center
-  OCALICON
-  LENDING LIBRARY

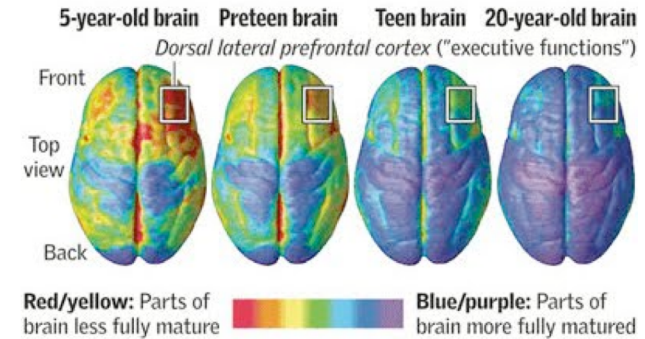


State Support Team 8

- State Support Team 8 provides professional development opportunities, networks, and technical assistance for districts and community schools in Summit, Portage, and Medina counties in Ohio
- Services focus on:
 - Early learning and school readiness
 - Systemic school improvement using Ohio Improvement Process
 - Inclusive instructional practices
 - Multi-tiered systems of support including Response to Intervention and Positive Behavior Interventions and Supports
 - Special Education



How Does EF Develop?



Sources: National Institute of Mental Health;
Paul Thompson, Ph.D., UCLA Laboratory of
Neuro Imaging

Thomas McKay | The Denver Post

Development of EF: Keeping Safe Near Hot Stove One Year Old

- Needs adults to provide external regulation when near a hot stove
- Adult yells "no" and moves the child



Development of EF: Keeping Safe Near Hot Stove Five Year Old

- Can react to talking and mental representation with adult help
- Adult says "That's hot", "That could burn you", "Remember when you burned yourself"



Development of EF: Keeping Safe Near Hot Stove Ten Year Old

- Capable of basic task self-regulation with occasional reminder and needs support for emotional self-regulation or more complex tasks
- Adult says "Watch", "Hey, stove's on"; may be able to rely on child's ability to self-regulate near stove



Development of EF: Keeping Safe Near Hot Stove Twenty Year Old

- Self-regulates across a variety of task and emotional demands; uses prior experiences to invent new solutions
- Ask them to cook dinner for you!



Who Struggles with Executive Function?

- Developmental Delays
- Attention Deficit With and Without Hyperactivity
- Learning Disabilities
- Cognitive Disabilities
- Autism Spectrum Disorder
- Traumatic Brain Injury
- Gifted and Talented
- Emotional Disorders like Anxiety and Obsessive Compulsive Disorder
- Children who have experienced Foster Care
- Children who have experienced Trauma



Common Factors That May Impact EF

- Lack of sleep
- Lack of nutrition
- Use of drugs and alcohol
- Stress
- Concussions
- Family crisis (e.g., death, divorce, moving)
- Simultaneous novel situations
- Too much screen time



Thank You

visit us at
www.ocali.org
www.sst8.org