

The Missing Link For Student Success: Building Executive Functions in our Schools

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INCLUSION BLUEPRINT

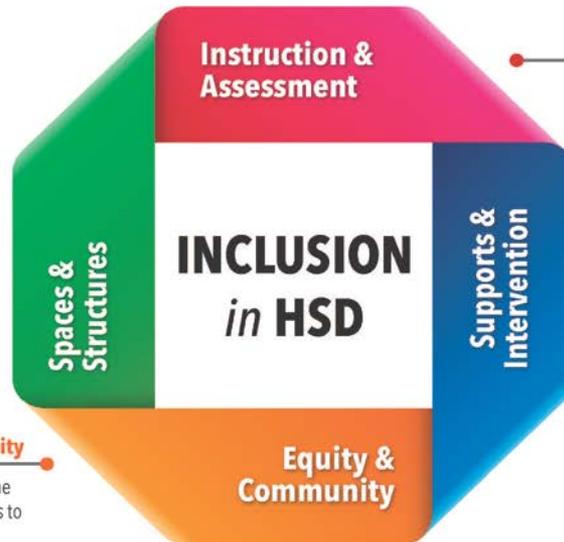
The elements:

Universal Design, Walls, Storage, Furniture, Instructional Spaces

All school environments are ADA accessible and compliant. All areas of the classroom have a clear student-driven purpose and are designed to meet the needs of any student regardless of disability.

Classroom, School, Community

Students with special needs spend the maximum amount of time with peers to develop academic and social skills. Students participate fully in schoolwide activities and feel a part of the school community. Families are partners in supporting students. Multiple structures for information- and knowledge-sharing are in place.



Standards-Based Teaching and Learning, Instructional Strategies, Assessment, PLCs, Accommodations and Assistive Technology

Students learn together, are engaged in instructionally-appropriate, grade-level work and consistently master standards alongside their peers.

Staff, Families and Partners

Teams of adults support the academic and social/emotional needs of students. We take a strengths- and skills-based approach to supporting our students through positive, universal behavioral supports.

How has HSD Incorporated Increased Executive Function Awareness from the from the District Level?

- PBIS model of explicit instruction
- Implemented Behavior Cadre
- Conducted parent nights/speakers
- Conducted trainings in Buildings
- Implemented Wellness Rooms
- Hired Trauma expert to work with our staff who specialize in working with students experiencing behavior issues

Understand why a child struggles to produce.



“Executive function is actually
a better predictor of academic
success than IQ.”

John Medina,
author of *Brain Rules*
and *Brain Rules for Babies*.

Effective EF Intervention

Understand the



Brain

&

Acknowledge



Emotional Pain

Build



Metacognition

Seeing My Time[®]

Provide



External Visual
Tools

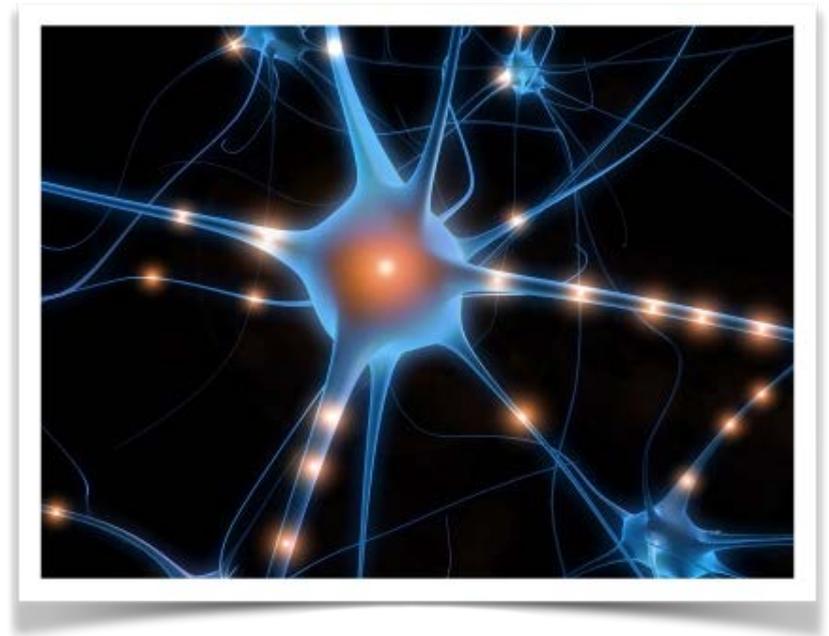
Executive Function



Success



The way a brain
is wired
impacts
behavior and
learning.



Pause and Reflect:



Executive Function Skills

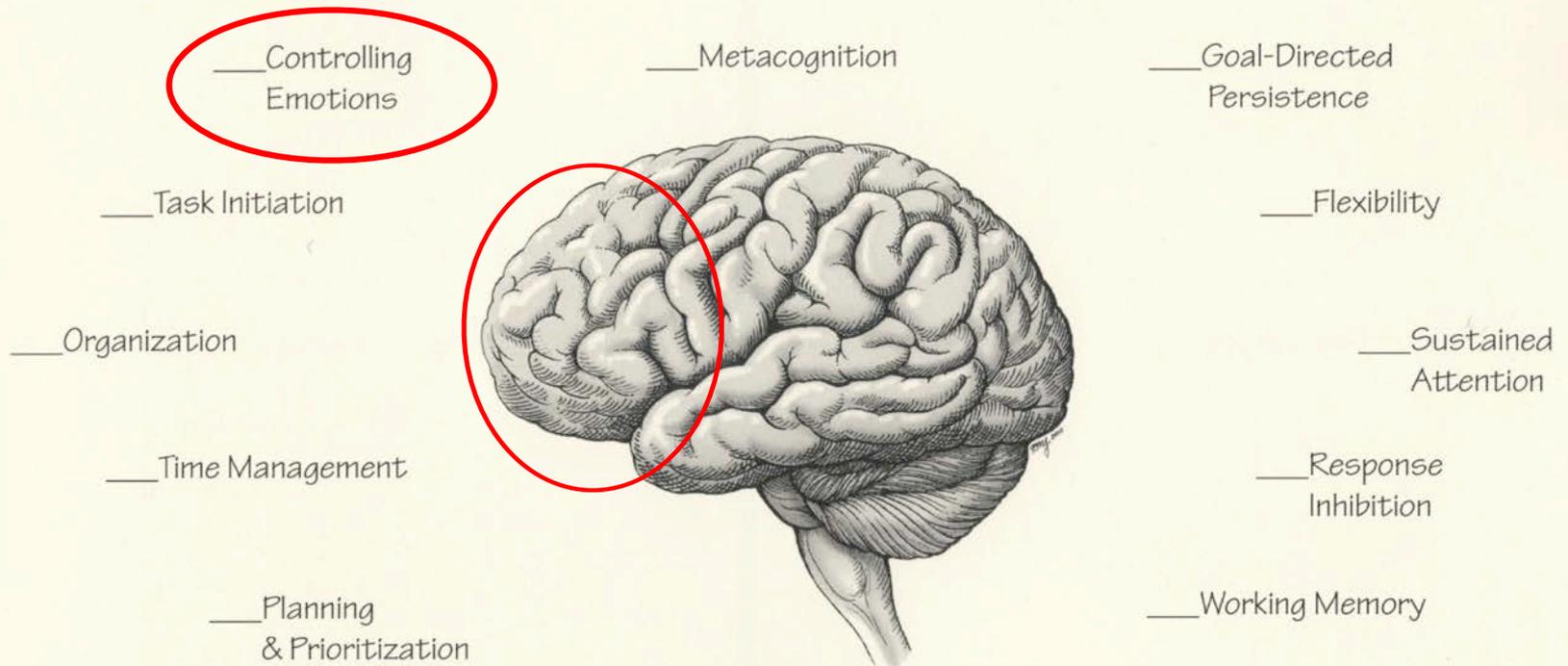
Based on the model from Dawson and Guare: *Executive Skills in Children and Adolescents*



Skill	Definition	My Brain: + or -	My Student: + or -
Metacognition			
Goal Directed Persistence			
Flexibility			
Sustained Attention			
Response Inhibition			
Working Memory			
Planning & Prioritization			
Time Management			
Organization			
Task Initiation			
Controlling Emotions			

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Executive Functions¹: Brain Skills that Help to Get Things Done

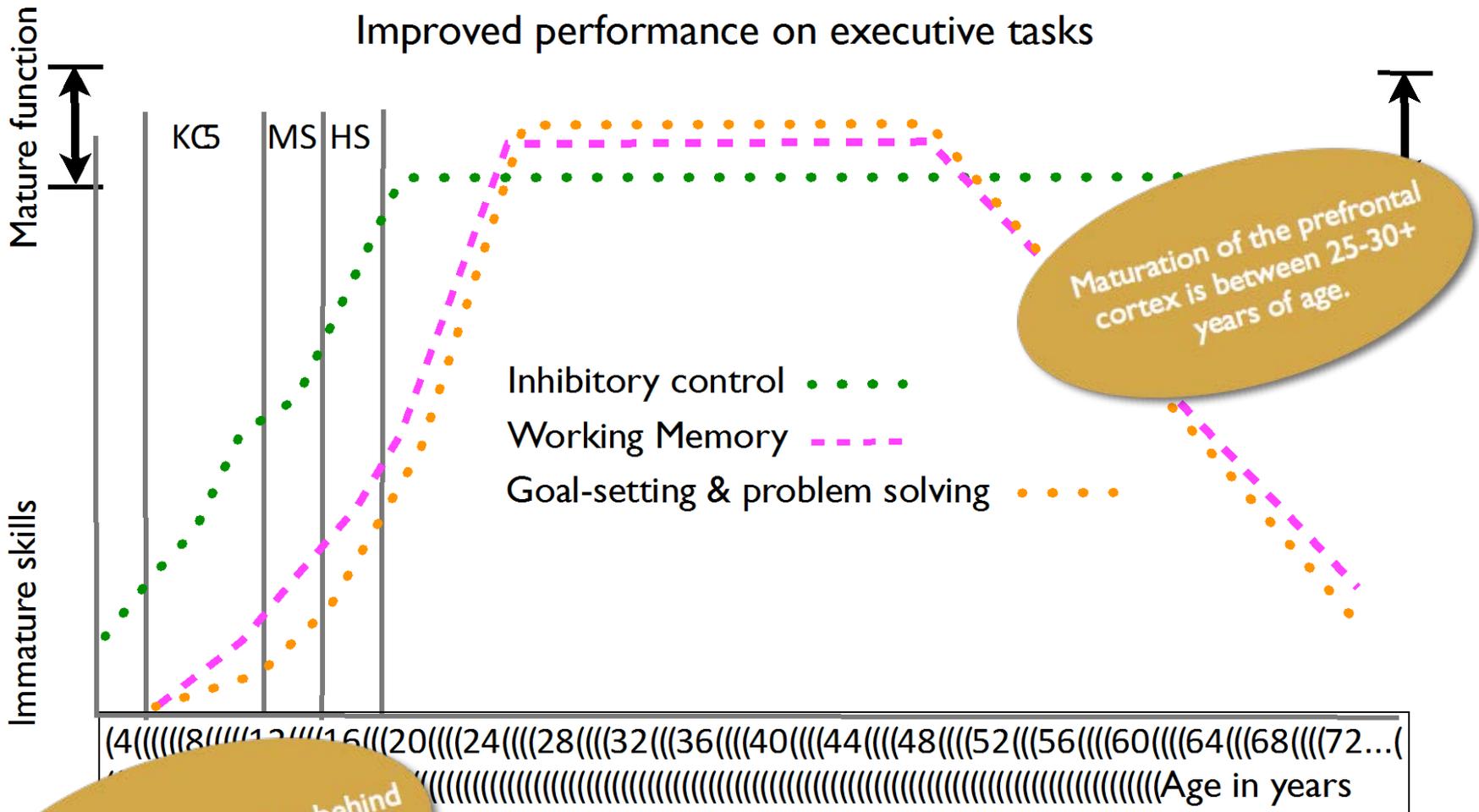


¹ Adapted from Dawson and Guare, *Executive Skills in Children and Adolescents* 2010

EF Skills for Independent seatwork/homework

- Understand Directions: - *Metacognition*
- Start work - *Task Initiation*
- Avoid distractions - *Sustained Attention*
- Ask for help - *Metacognition*
- Finish work - *S-Attention/GD-Persistence*
- Careless work not corrected - *Metacognition*
- Finish work on time - *Time Management*
- Remember to turn work in on time - *Working Memory*

Executive Functions (Develop Over Time)



Emotion and Behavior Connection

- Confusion
- Helplessness
- Hopelessness
- Behavior



- Escape
- Anger
- Anxiety/Depression



“Wounded learners” must be taught how to ask for help to clear up confusion so learning can happen.



What is your key idea?



The brain
with EF
weaknesses
does what is
in sight!



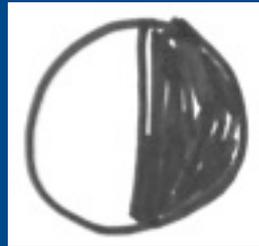
Analog clocks are needed wherever you get “lost” in time.



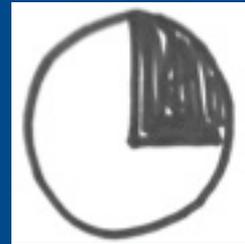
Use visual representations for time.



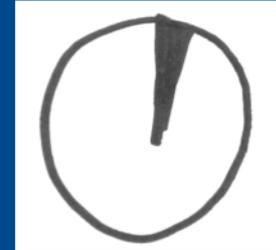
One Hour



Thirty
Minutes



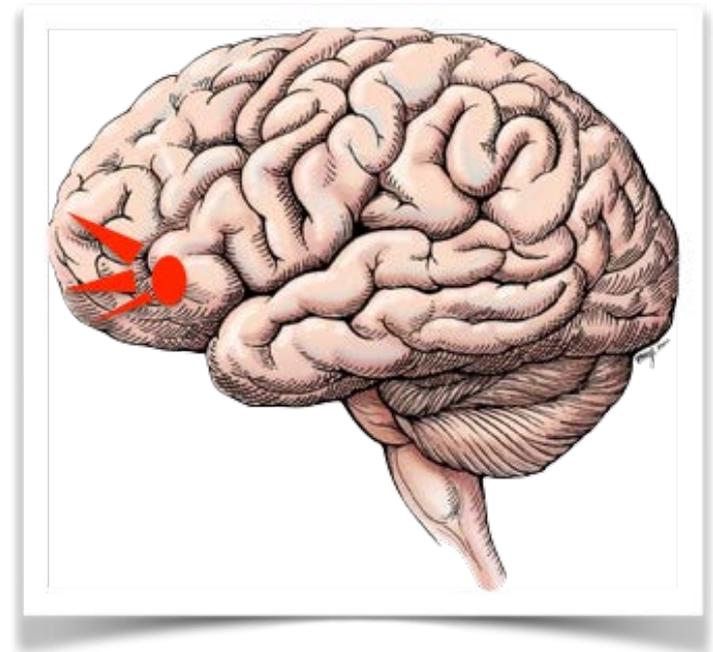
Fifteen
Minutes



Five
Minutes

Motivation and the Dopamine Reward System

1. Make a prediction
2. Achievable goal/chunk
3. Visible proof of success



Judy Willis, MD
Ignite Student Learning

Make a Homework Plan

~~Math~~ 

LA  

SS 

Take out the dog 

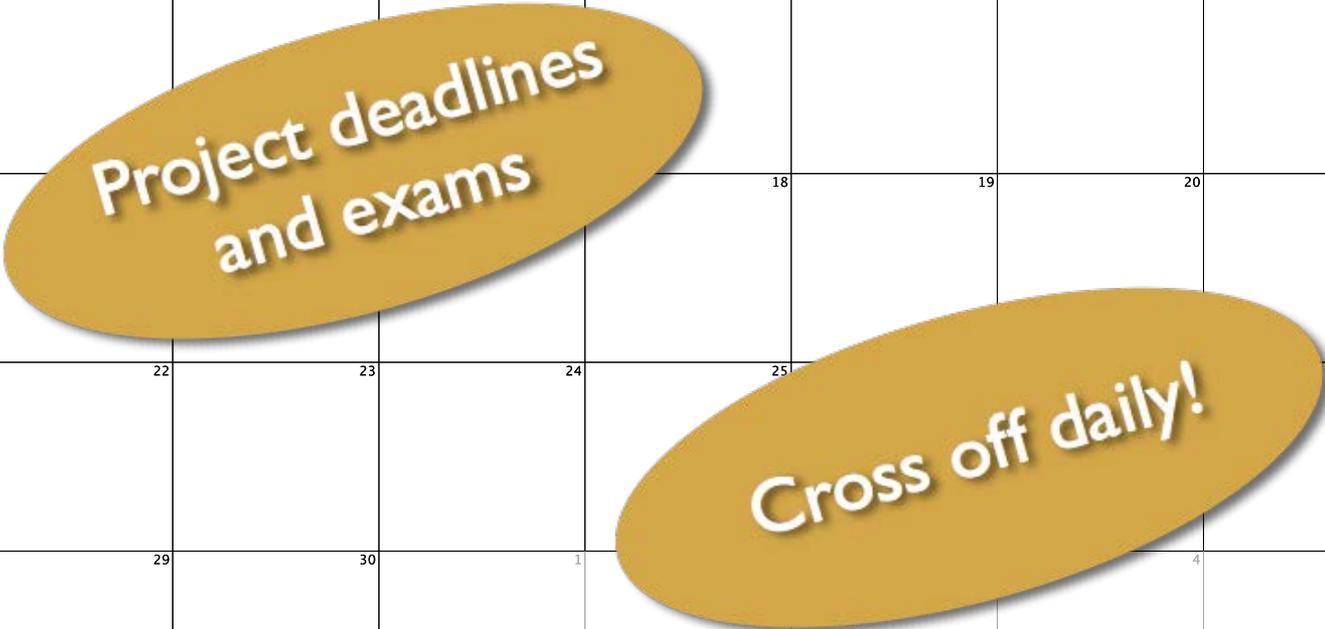
Game time

Crossing off a list makes
our brain feel good!

Calendars are Critical for Future Thinking

November 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
			18	19	20	21
22	23	24	25			28
29	30	1			4	5



Project deadlines and exams

Cross off daily!



What is your key idea?

Thank you for your time!

We would be happy to share
more information:

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www.ExecutiveFunctioningSuccess.com