

FUELING BRAINS & HISD



FUELING BRAINS



The core purpose of Fueling Brains is to build the brain before we fill it.



HISD PRE-K

7 classrooms
3 right brain
3 left brain
1 hybrid

117 students

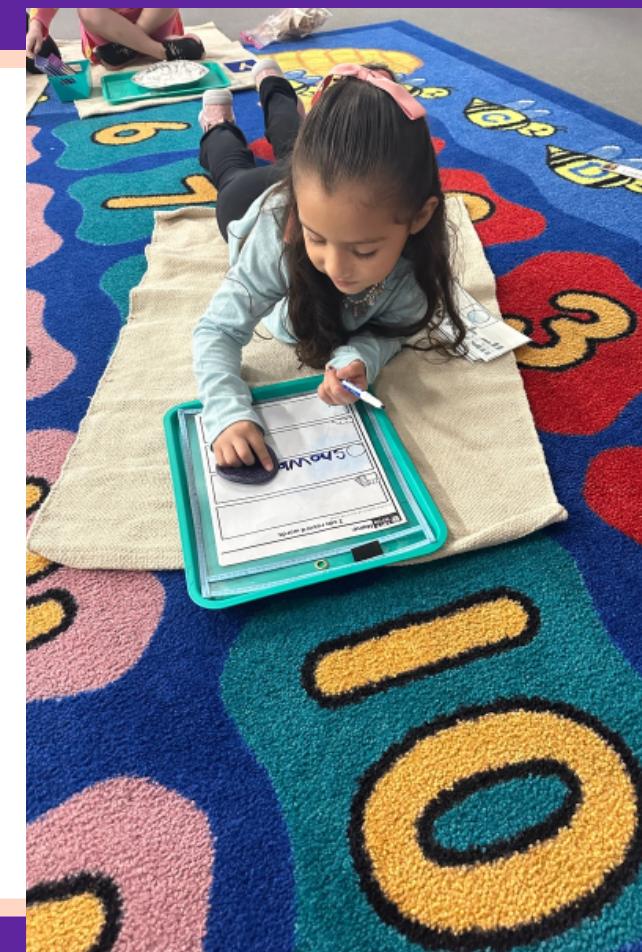
Goal for all students to be ready for academic learning by growing executive functioning skills through play-based experiences





- collaboration
- problem solving
- creativity

Right Brain
Classrooms



- individual
- focus on tasks
- build concentration

Left Brain
Classrooms

HISD DATA - DEFINED

Brain Score - overall score that shows the stages of brain development (developing, progressing, and mastering)

Neurocognitive Age - developmental ages of students

Executive Functioning Skills - measures cognitive flexibility, working memory, and inhibitory control

All of these things impact the student's ability to learn at grade level.

EXECUTIVE FUNCTIONING SKILLS

Cognitive Flexibility: allows students to deal with any encountered problems by using different strategies

Working Memory: is responsible for holding information and having it accessible when it is needed to complete a task

Inhibitory Control: allows the student to ignore any distractions and focus on the task at hand

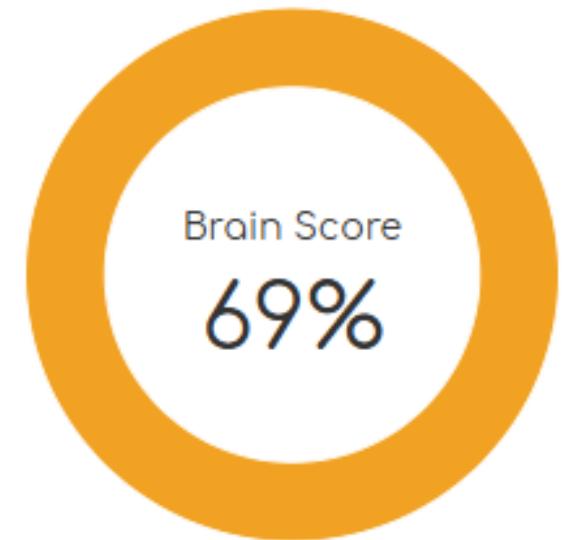
There is a large increase in the number of students who come to school lacking these skills which impacts academic success.

EOY 2024-2025

Before Fueling Brains

Brain Score Summary

Based on EOY assessments



Developing Progressing Mastering
32% 34% 34%

Among 112 students with completed assessments, 36 students are in **Tier 3**, the developing stage of the brain development. 38 students are in **Tier 2**, the progressing stage. 38 students are in **Tier 1**, the mastering stage.

HISD Brain Score

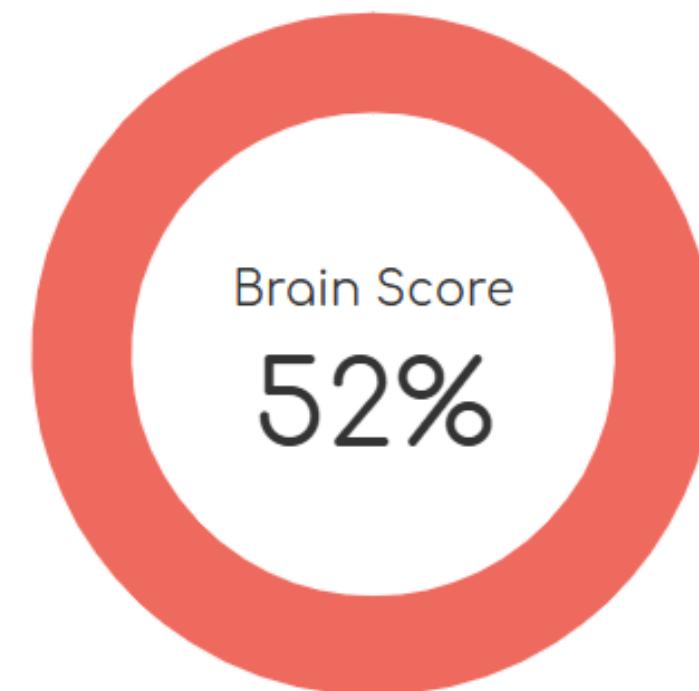


AUG 2025

HISD Brain Score

Brain Score Summary

Based on BOY assessments



Developing

63%

Progressing

33%

Mastering

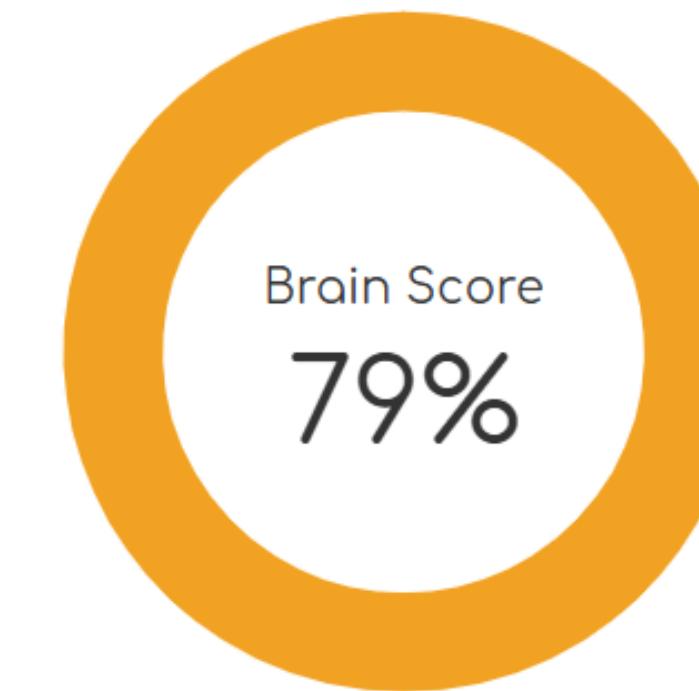
4%

DEC 2025

HISD Brain Score

Brain Score Summary

Based on MOY assessments



Developing

17%

Progressing

28%

Mastering

55%

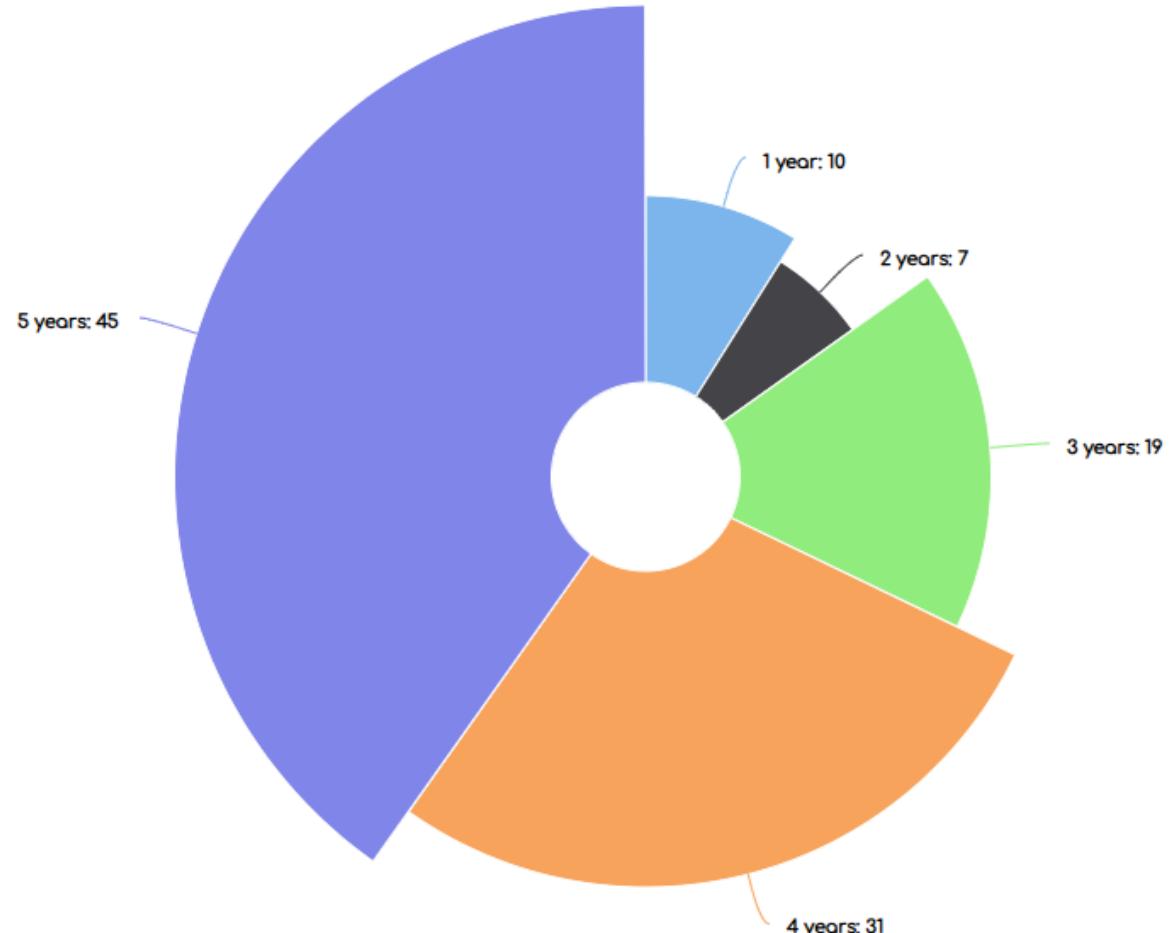


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EOY 2024-2025

Before Fueling Brains

...s for EOY assessments.

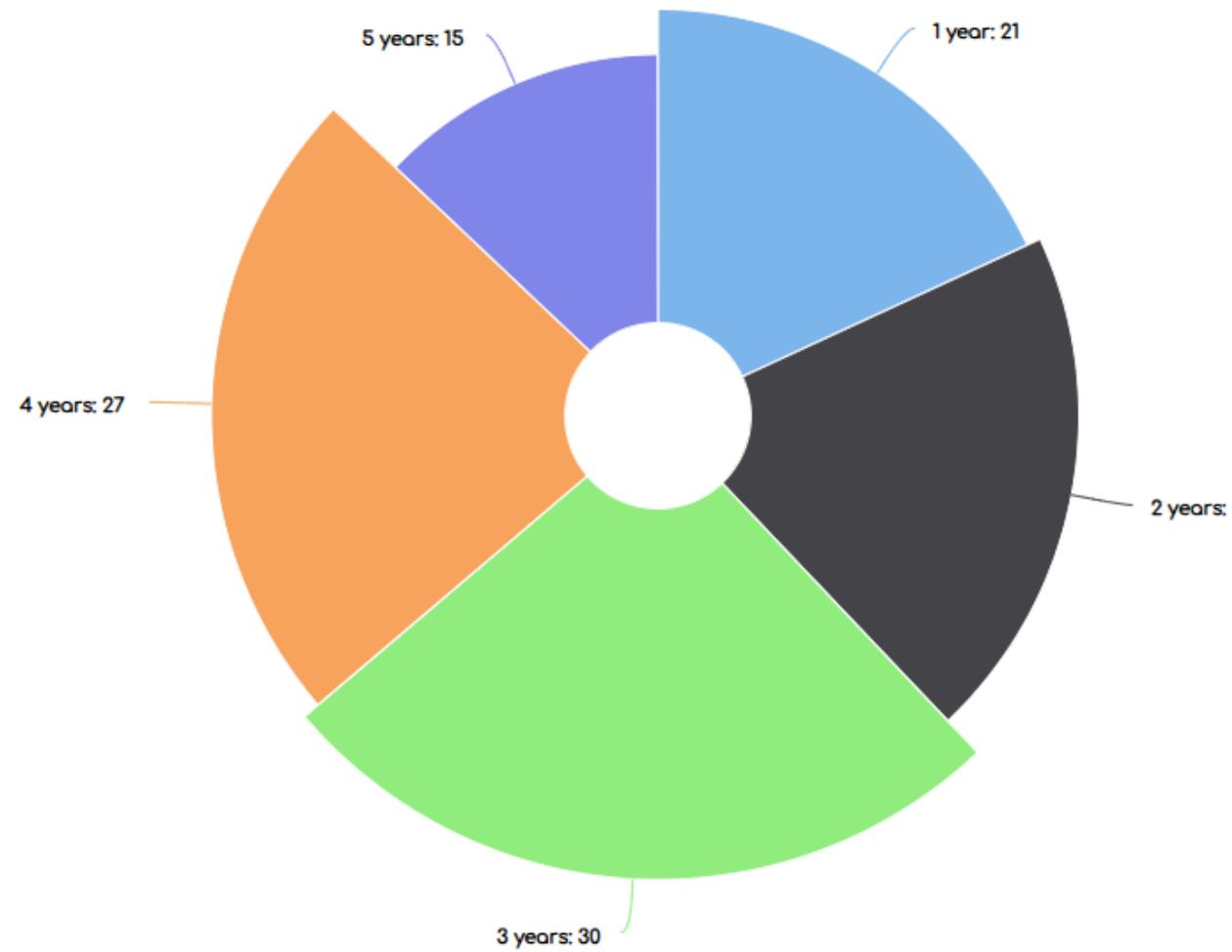


Neurocognitive Age



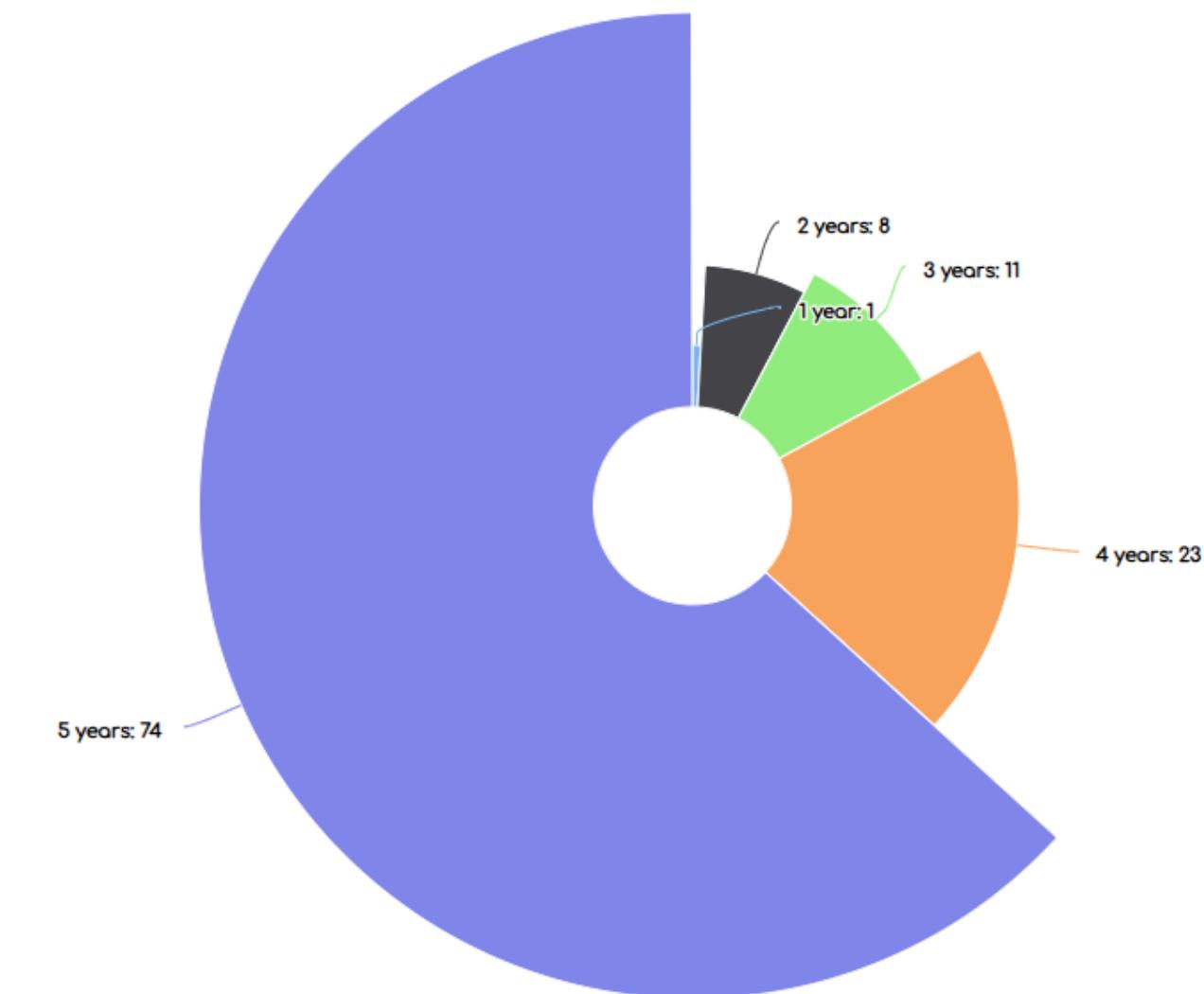
AUG 2025

Neurocognitive Age



DEC 2025

Neurocognitive Age



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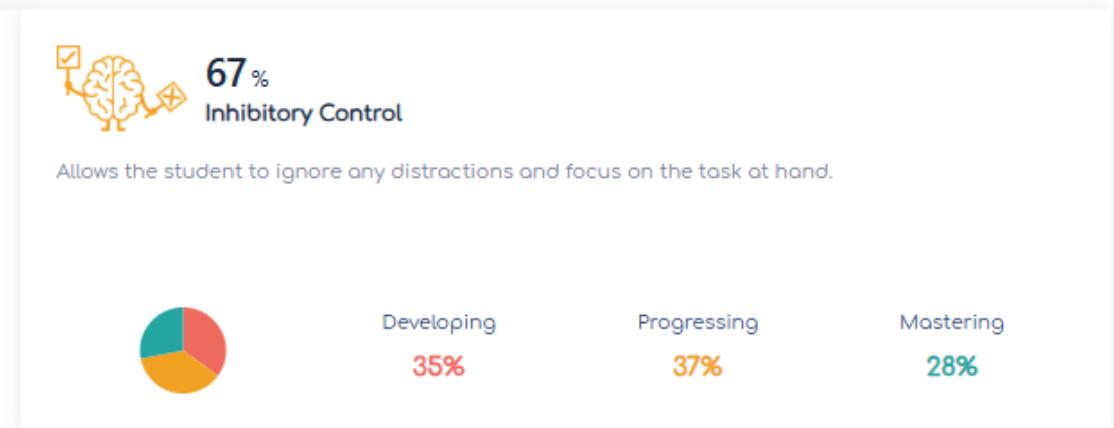
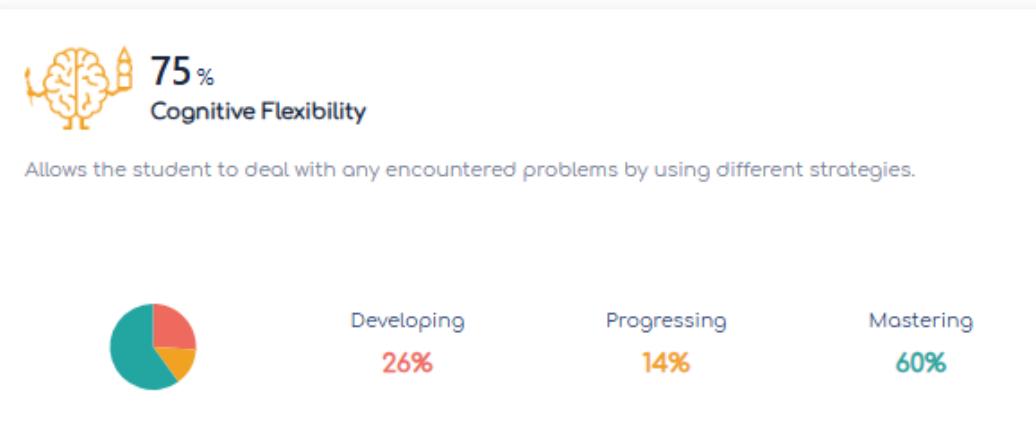
EOY 2024-2025

Before Fueling Brains



The EF details for EOY assessments.

All All Schools (3)



HISD Executive Function Skills



AUG 2025

HISD Executive Function Skills



Allows the student to deal with any encountered problems by using different strategies.



Is responsible for holding information and having it accessible when it is needed to complete a task.



Allows the student to ignore any distractions and focus on the task at hand.



DEC 2025

HISD Executive Function Skills



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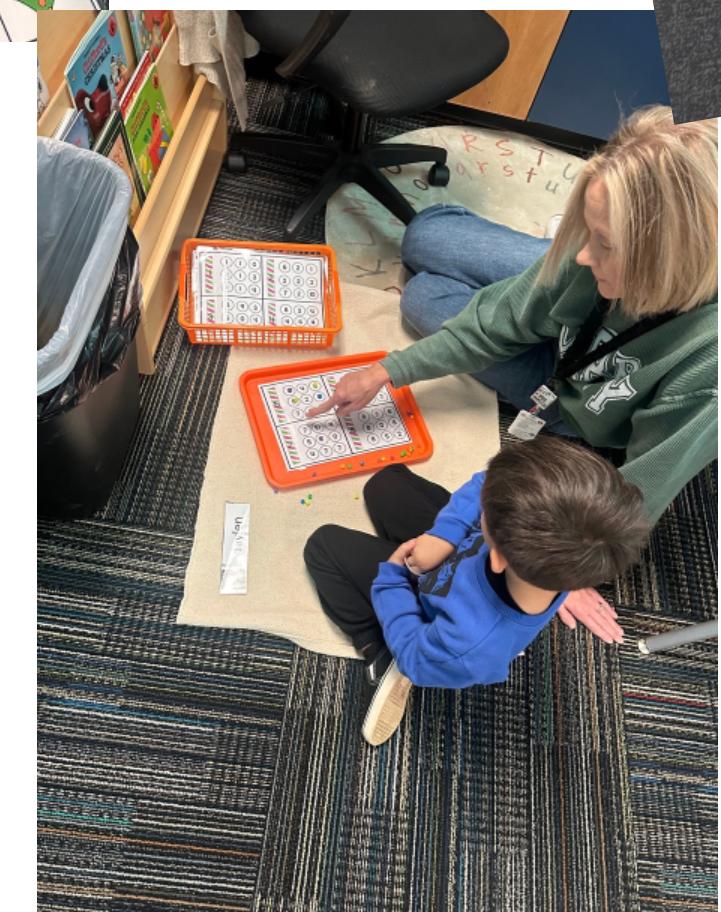


Growth

Cognitive Flexibility: 28%

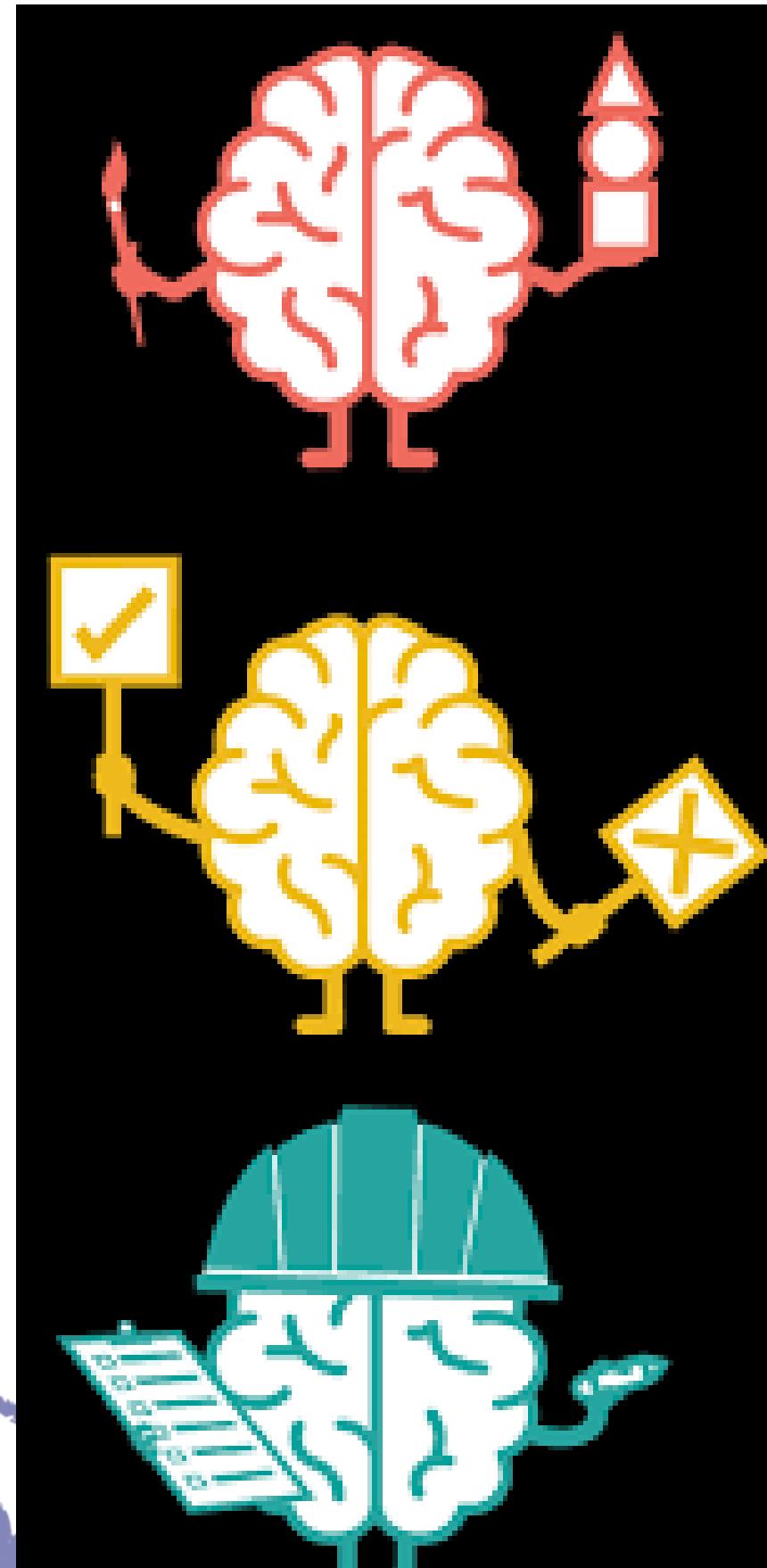
Working Memory: 31%

Inhibitory Control: 25%



BEHAVIOR: EXECUTIVE FUNCTION FOCUS AND DATA





Cognitive Flexibility:
How stubborn or adaptable a
child may be

Inhibitory Control:
Behavior and Self - Regulation

Working Memory:
Critical Thinking and Problem-
Solving Skills



Executive Function Data: District

EOY
2024-2025

MOY
2025-2026

Cognitive Flexibility

75%

Inhibitory Control

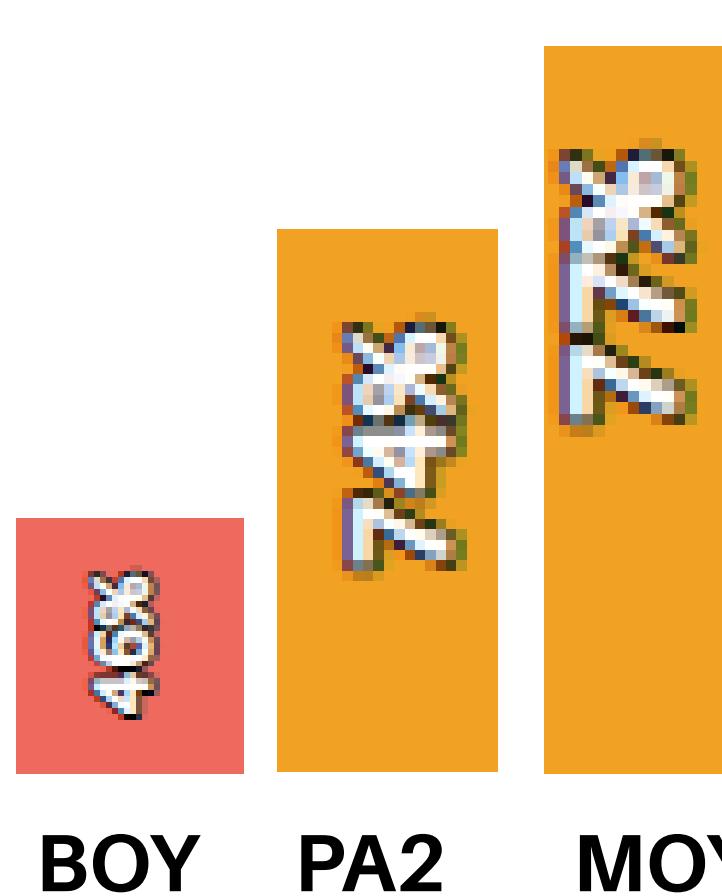
67%

Working Memory

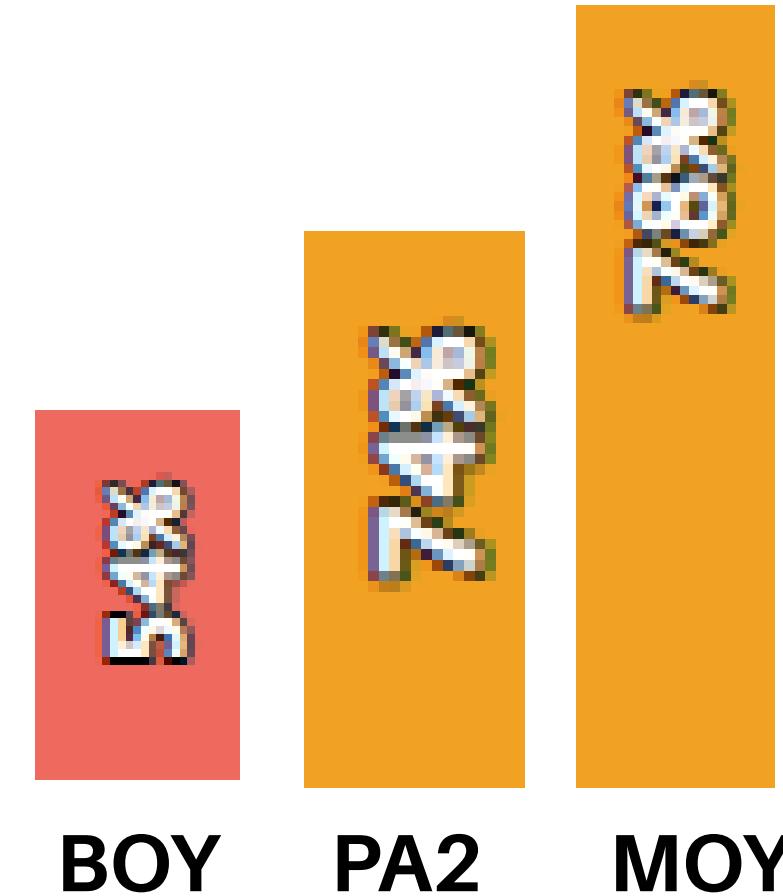
70%



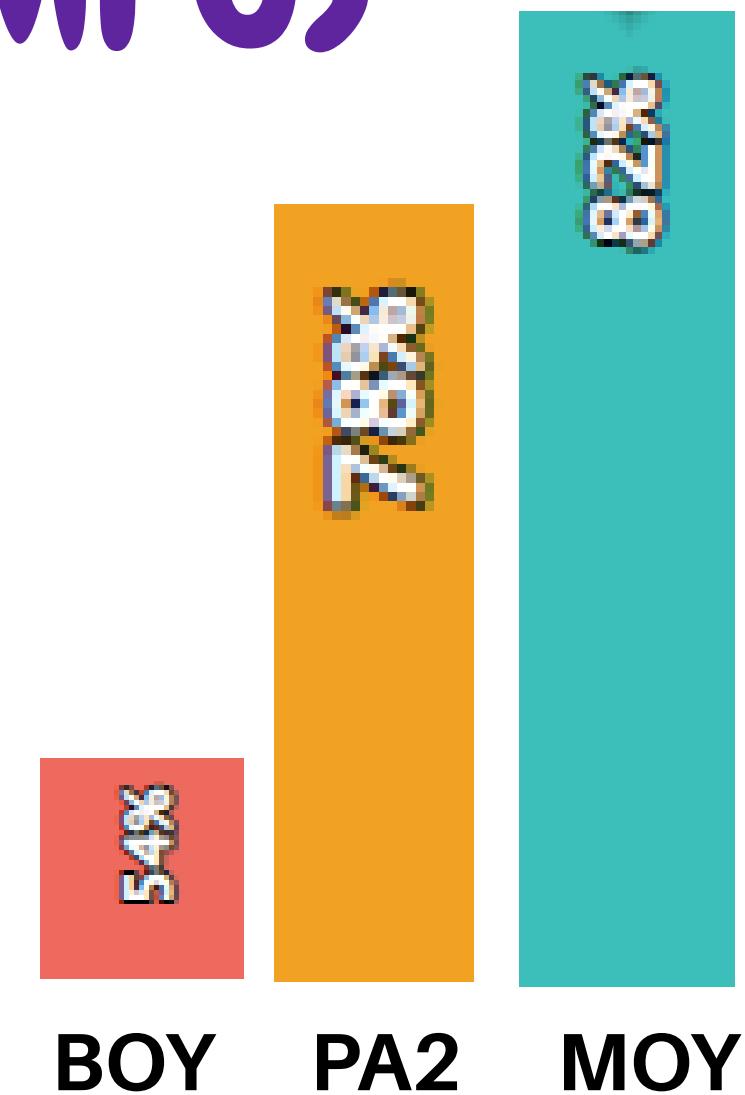
INHIBITORY CONTROL DATA: CAMPUS



North



West



East

Increase in Conscious Discipline approach and Brain Science awareness.
Focus on specific executive functions rather than individual behaviors.

HISD PRE-K



In partnership with Fueling Brains, our teachers are building brains for a better future.

