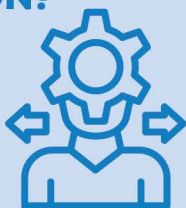


STUDENT LEADERSHIP BUILDS ACADEMIC IMPROVEMENT BY STRENGTHENING EXECUTIVE FUNCTION

WHAT IS EXECUTIVE FUNCTION?

Executive function is a set of abilities that help people to control their thoughts and actions so they can reach their goals.



EXECUTIVE FUNCTIONS ARE CRITICAL TO ACADEMIC SUCCESS



Stronger executive functioning skills predict academic outcomes like:

- **Grades** (Jacob & Parkinson, 2015)
- **Standardized Test Scores** (Blair & Razza, 2007)
- **Learning Efficiency** (Diamond, 2012)
- **Academic Goal Achievement** (Robson, Allen, & Howard, 2020)
- **Self-Regulation** (Blair & Raver, 2015)

STUDENT'S EXECUTIVE FUNCTIONING IN PRE-K SET A LIFE-LONG TRAJECTORY

Numerous studies have documented long-term implications of a person's executive function in early life. People with high executive function as children are more likely to have positive relationships, complete high school, and have a high-paying job. (Heckman, 2004; Poulton, Moffitt, & Silva, 2015).



NO MATTER WHERE A STUDENT STARTS, EXECUTIVE FUNCTIONS CAN BE IMPROVED



Early experiences lay a critical foundation for executive functioning but factors like traumatic stress, lack of routine, and developmental delays differentially impact these early years. Interventions that effectively grow students' executive function offer hope for all students. (Diamond, 2020)

SCHOOLS CAN CHANGE LIVES BY BUILDING STUDENTS' EXECUTIVE FUNCTIONING ABILITY

School-based development of executive function is an effective approach for wide-range of student populations. Improving a students' executive function skills has long-lasting effects on a variety of academic and life outcomes. (Diamond, 2011)



LEADER IN ME BUILDS EXECUTIVE FUNCTION ABILITY THROUGH OUR APPROACH TO STUDENT LEADERSHIP



At *Leader in Me* schools, student leadership is more than a nice supplement to a school--it becomes the way educators look at students, provide them opportunities, and empower their instruction. Executive functions are critical leadership abilities and are therefore a natural part of what we teach, model and apply.