

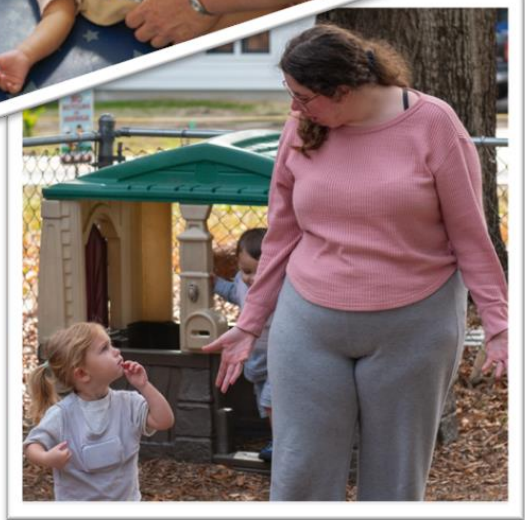
Introduction

Mary Katherine Hardin

Owner of STARS Academy

IMPACT E8 Core Team (Local Lead)



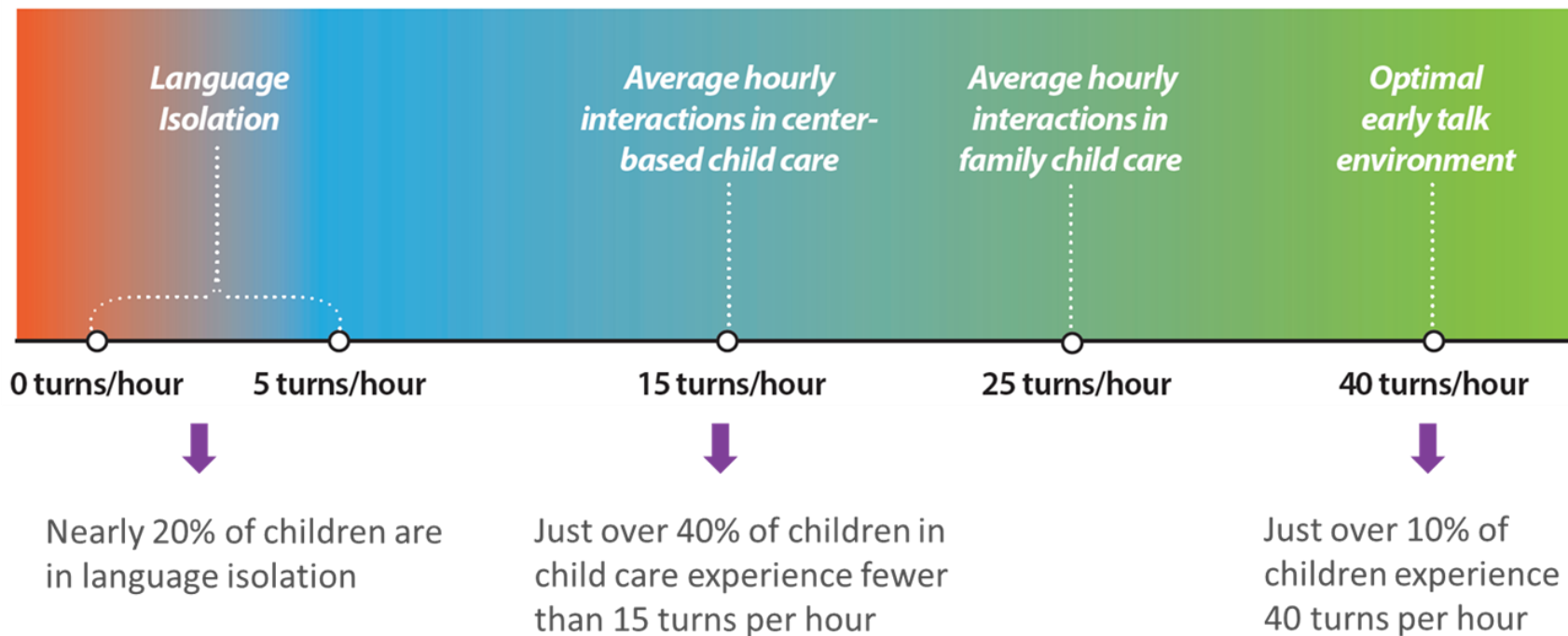


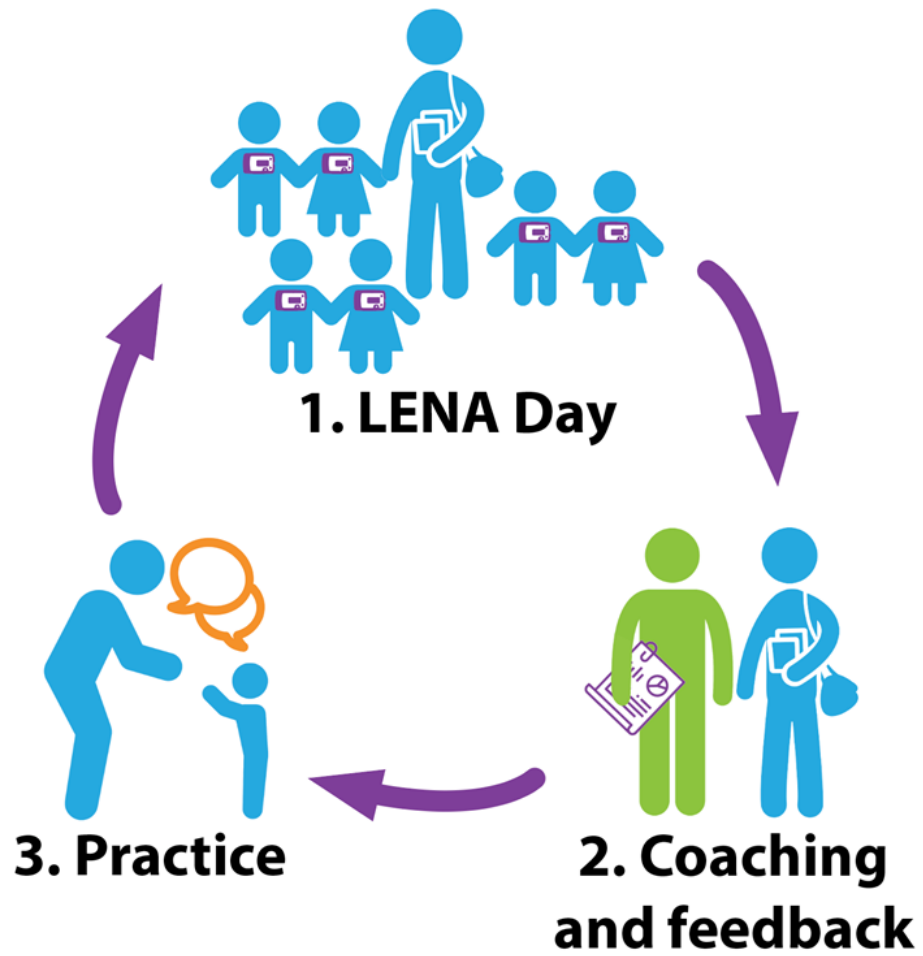
LENA's Mission

LENA is a national nonprofit on a mission to transform children's futures through early talk technology and data-driven program.



During child care, there are large disparities in children's language environments



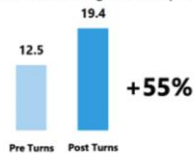


IMPACT REPORT

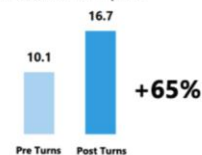
- Child Impact
- Teacher Impact
- Community Impact

Child Equity

LENA Grow is designed to encourage more equitable talk environments. Two segments of children measure this impact:



Children who started out experiencing **less talk than their peers in the same classroom** (in the bottom third) had an average increase of **+6.9 turns per hour**.



Children who started out experiencing **less talk than the national median of 15 turns per hour** had an average increase of **+6.6 turns per hour**.

Teachers

At the end of a 5-week sequence, teachers complete a survey reporting on the impact of the LENA Grow program.



Recommend LENA Grow to other teachers (n=98)



Now feel more confident in teaching abilities (n=97)



Increased overall job satisfaction (n=98)



Increased communication with families (n=96)



Saw changes in children's language development (n=98)

By the Numbers



831

Children



114

Teachers

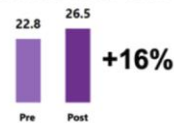


57

Classroom Groups

All Children

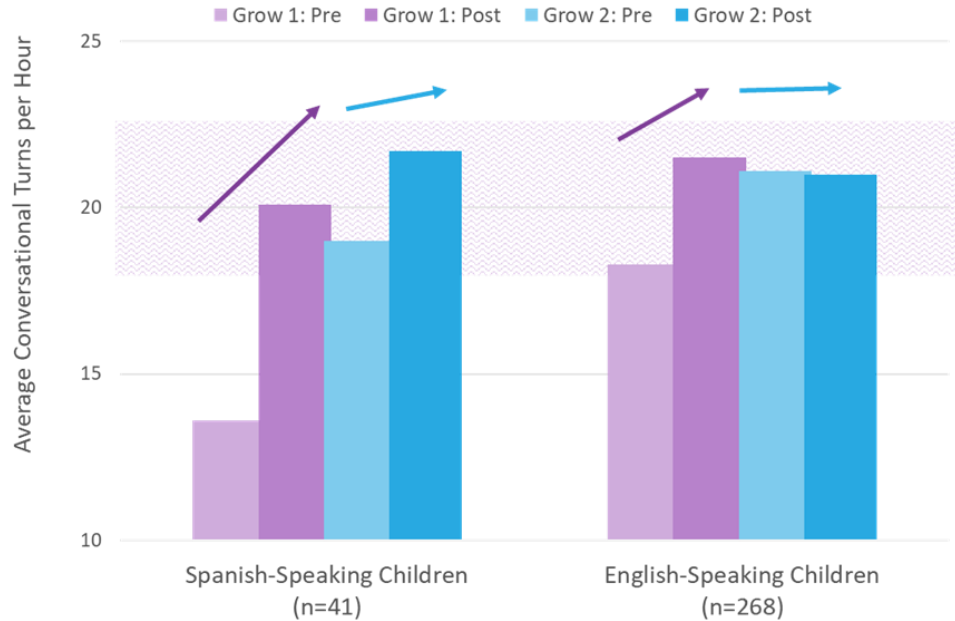
Conversational Turns



Average increase of **+3.7 Turns per hour**.

LENA Grow increases language equity

By the end of LENA Grow 1, children whose primary language was Spanish increased on TPH and were no longer significantly lower compared to children who spoke English as their primary language. These gains continued through LENA Grow 2.



IMPLEMENTATION

- Why Partner?
- Classrooms
- Cycle Schedule
- Coaching



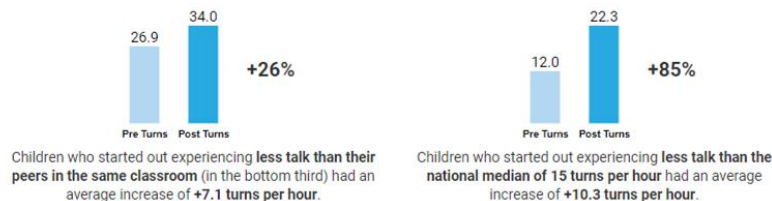
IMPACT REPORT

- Child Impact
- Teacher Impact
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Child Equity

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Teachers

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Page 1 of 3

LENA

By the Numbers



142

Children



39

Teachers



12

Classroom Groups

All Children

Conversational Turns



Average decrease of **-1.2 Turns per hour**.



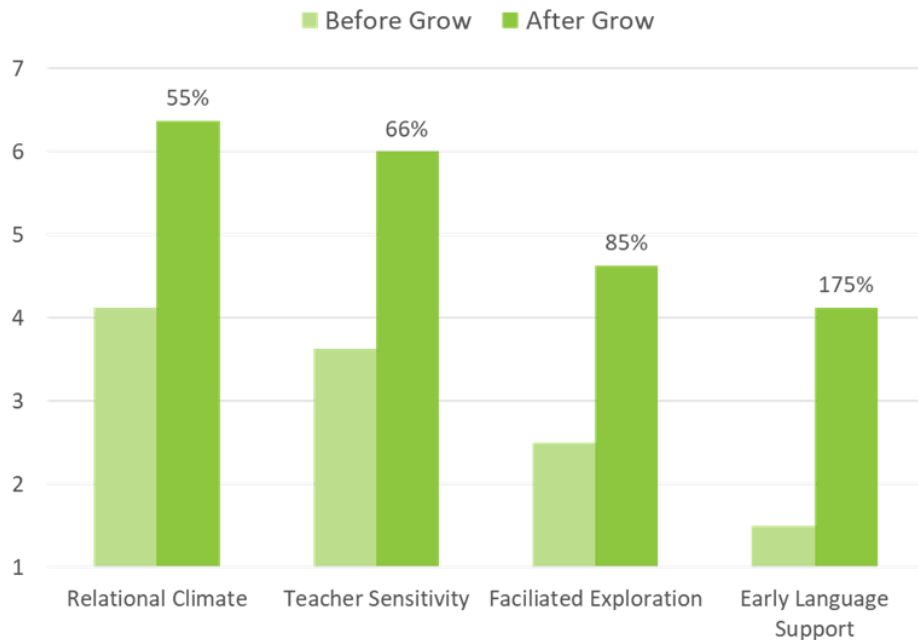
VALUE PROPOSITION

- Data + Coaching Format = Best Practice for Change Management
- Data Drives Teacher Confidence
- Real-Time Professional Growth
- Child Equity

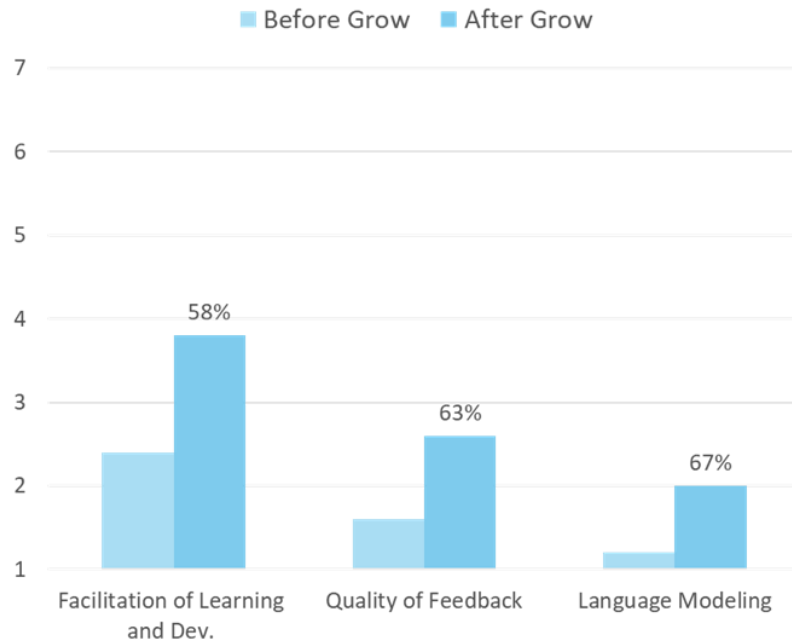
LENA Grow teachers increase CLASS® scores



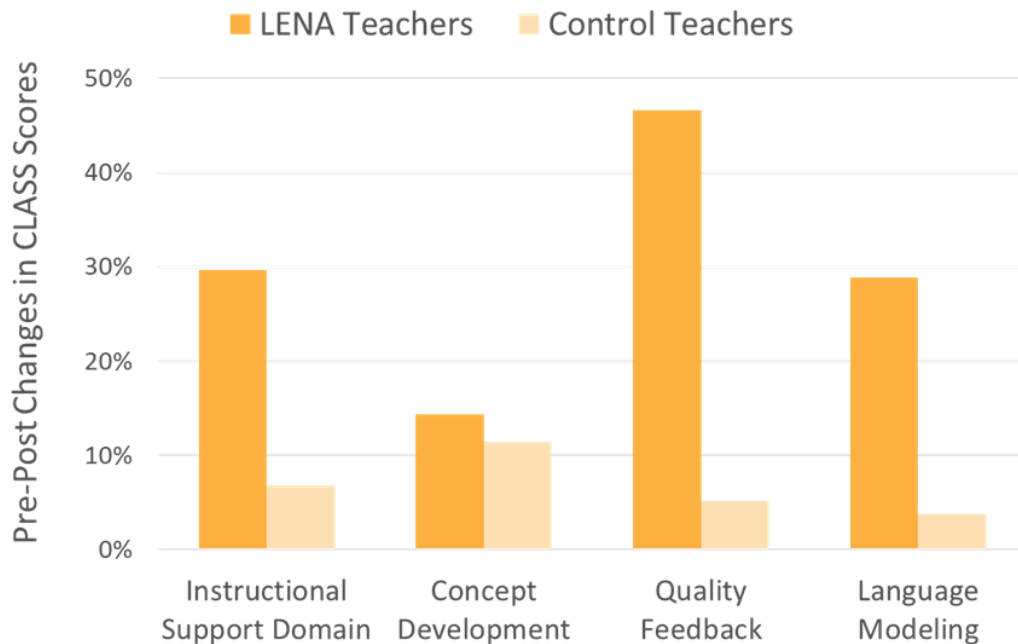
Infant Rooms: Responsive Caregiving Domain



Toddler Rooms: Engaged Support for Learning Domain



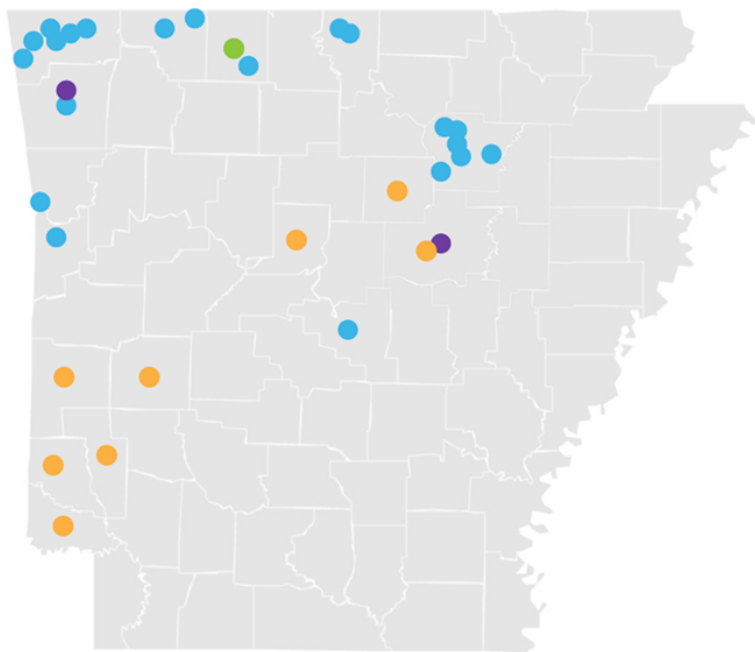
LENA Grow teachers increase CLASS[®] scores



For each CLASS dimension, LENA Grow teachers had greater increases than their control counterparts.

Gains ranged from +14% to +47% in the instructional support items.

LENA Proudly Partnering With Arkansas Communities



● Current LENA Grow site

● LENA Grow
(has expressed interest)

● LENA Grow
(in process)

● Research/Clinical

- University of Arkansas
- Batesville Area Chamber of Commerce
- Little Rock School District
- O.U.R. Cooperative
- Conway County
- Cleburne County
- White County
- Montgomery County
- Polk County
- Howard County
- Little River County
- Sevier County
- University of Arkansas
- University of Arkansas for Medical Sciences