

Gardendale Partnership: 2021-22 Results

Presented to:
The Early Childhood Education
Municipal Development Corporation
Board

Presented by:
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Agenda

Pre-K 4 SA and Gardendale partnership evaluation results

- Classroom quality
- Kindergarten and first grade readiness
- Early literacy and numeracy



Children and classroom samples

- **307 children served**
 - 53.8% boys and 46.3% girls
 - 17.6% pre-K, 29.6% kindergarten, 26.1% first grade, and 26.7% second grade

- **17 classrooms observed**
 - 7 (41.1%) in Fall
 - 10 (58.8%) in Winter
 - 17 (100%) in Spring

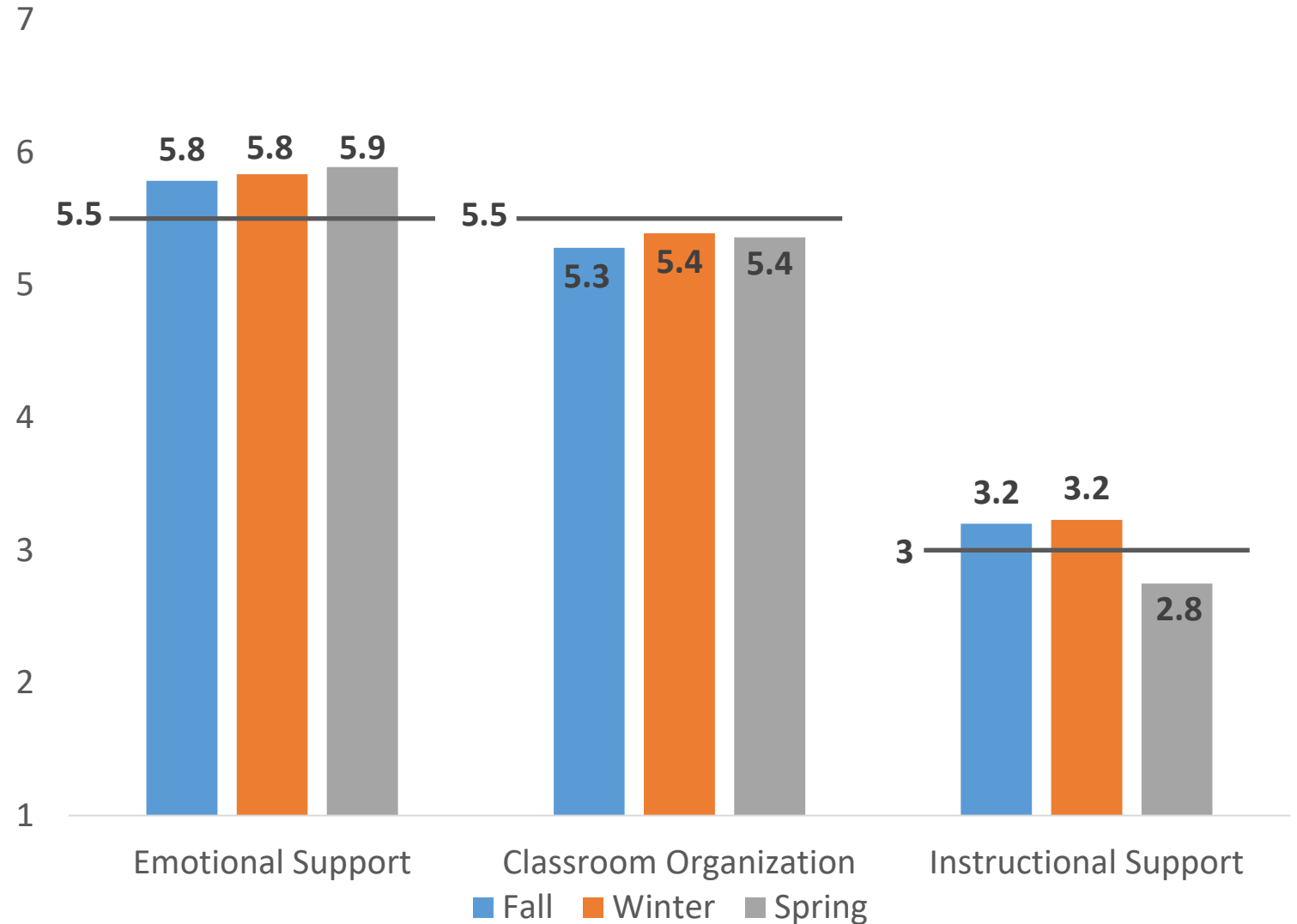


Classroom Quality



Overall Gardendale quality across the year

- Near-high *Emotional Support*
- Mid-level *Classroom Organization*
- Variation in *Instructional Support*
 - Mid-level in Fall and Winter
 - Low-level in Spring



Kindergarten and First Grade Readiness



Kindergarten readiness (Pre-K) growth over the year

GOLD Outcome	Fall	Spring
Mathematics	↑	↑
Cognitive	↑	-
Oral Language	↑	-
Physical	↑	-
Social-Emotional	↑	-
Literacy	-	-

Note: ↑ indicates a **positive significant** result; - indicates a non-significant result

First grade readiness (Kindergarten) growth over the year

GOLD Outcome	Fall	Spring
Cognitive	↑	↑
Mathematics	↑	↑
Physical	↑	-
Social-Emotional	↑	-
Literacy	-	-
Oral Language	-	-

Note: ↑ indicates a **positive significant** result; - indicates a non-significant result

Early Literacy and Numeracy

Woodcock Johnson Letter-
Word and Applied Problems



Gardendale children (all grades) are performing below age level

› Significant growth in four months

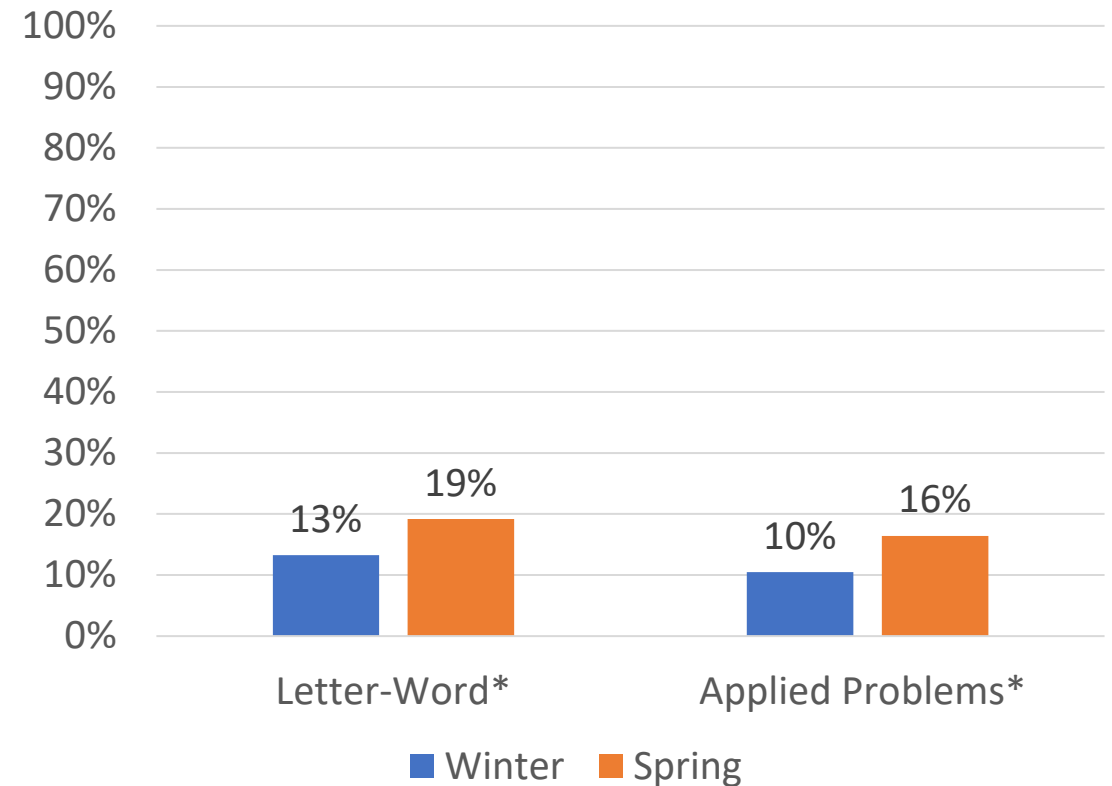
- 8 months in early literacy
- 6 months in early numeracy

› Pandemic influence

- Mirror national trends (Socol, 2022)

› The 2022-23 evaluation includes Fall and Spring data

Proportion of Gardendale children meeting age equivalency by assessment and time point



Note: * = statistically significant increase ($p < 0.05$).

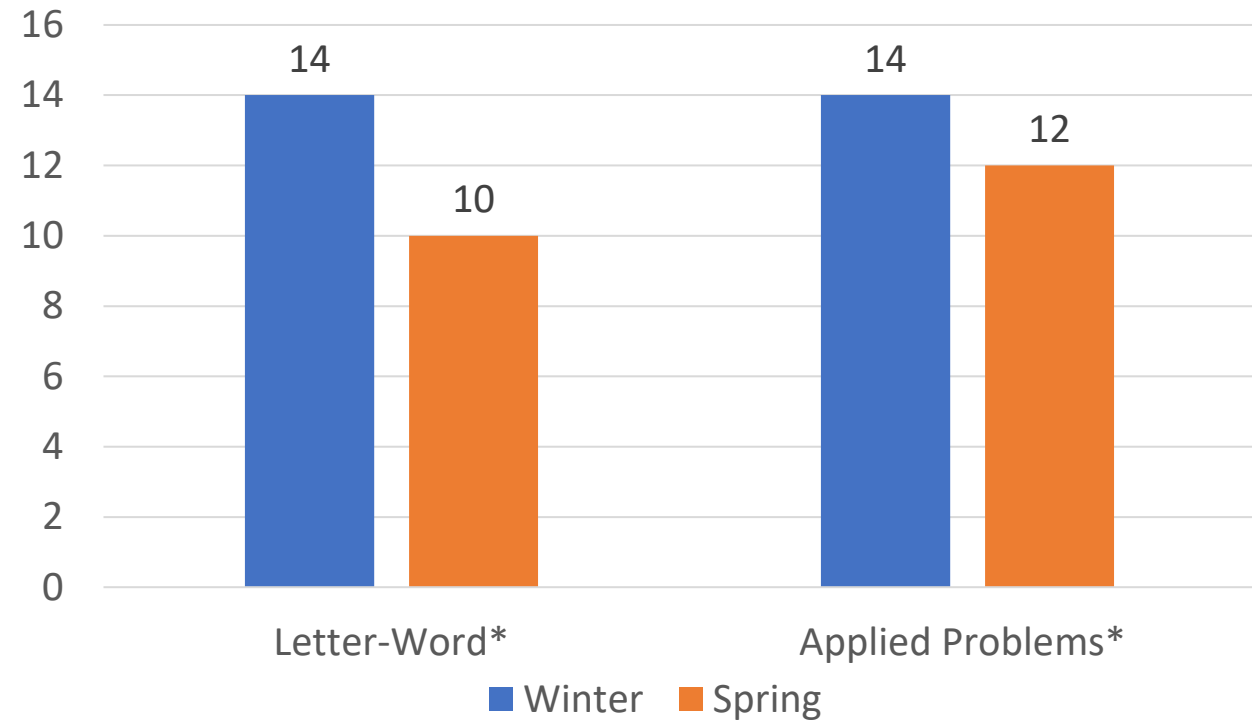
Gardendale children demonstrated significant accelerated learning

➤ Significant reduction in achievement gaps

- 4 months in early literacy
- 2 months in early numeracy

➤ More educational supports are needed

Size of achievement gap (in months) between Gardendale and normed sample by assessment and time point



Note: * = statistically significant increase ($p < 0.05$).

Reasons for Different Early Literacy and Numeracy Findings

› Content

- Literacy
 - GOLD: Phonological awareness, phonetics, and word recognition
 - LW: Symbolic learning and identification of letters and words
- Numeracy
 - GOLD: Number concepts and operations, spatial relationships and shapes, and compare and knowledge of patterns
 - AP: Apply simple number concepts and solve math problems

› Scoring Method

- Single normative average (GOLD) and Age-specific in months (LW and AP)

Questions/ Discussion



Thank You

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References

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