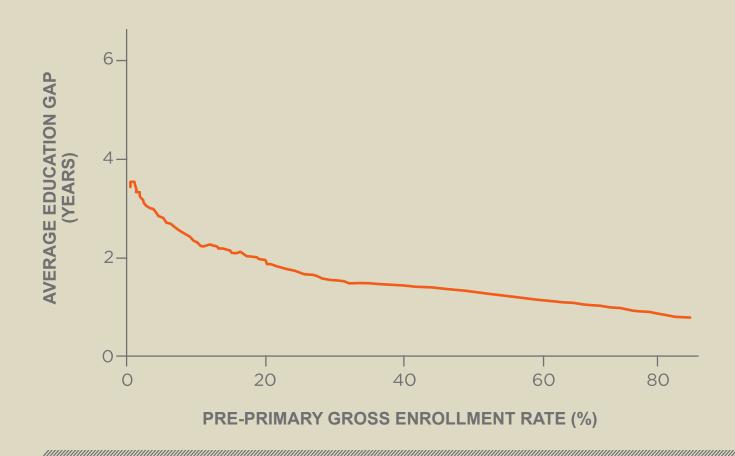
# Why the Early Years of Life Matter

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## Preschool Enrollment Reduces the Achievement Gap

(Data from 73 low- and middle-income countries)

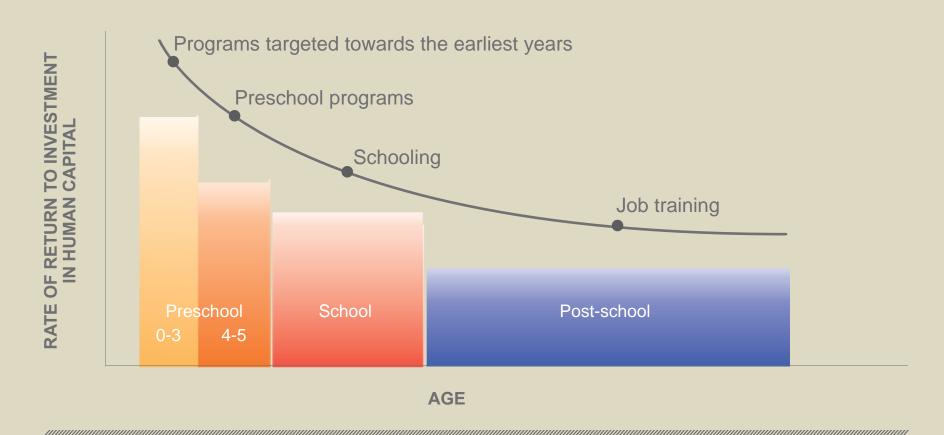




Early learning begets later learning and early success breeds later success...
Success or failure at this stage by the foundation for success or failure in school...

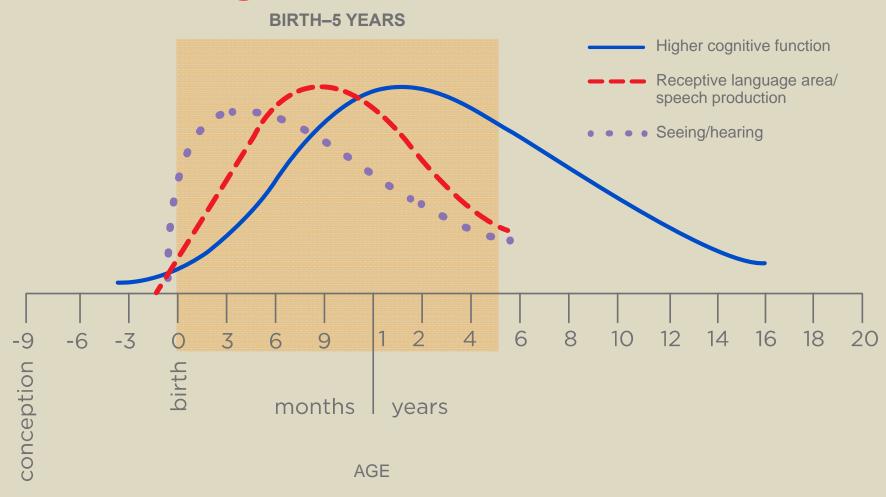
# Investment in human capital as a function of age

(Rates of Return to an Extra Dollar)

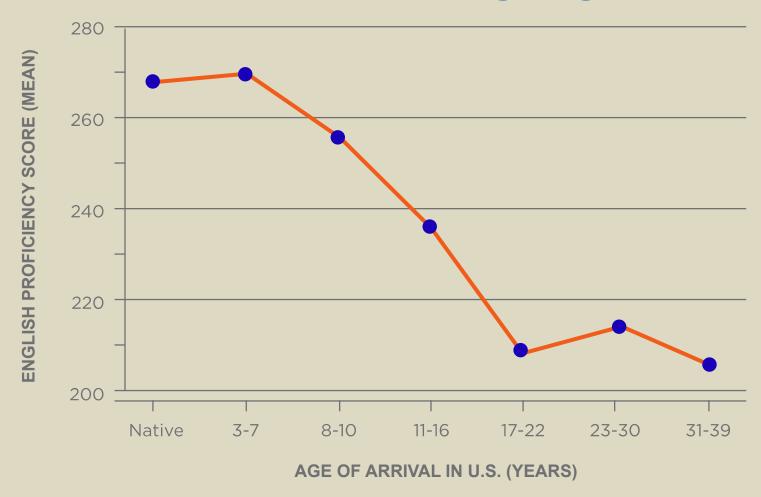




# Synapse formation in the developing brain



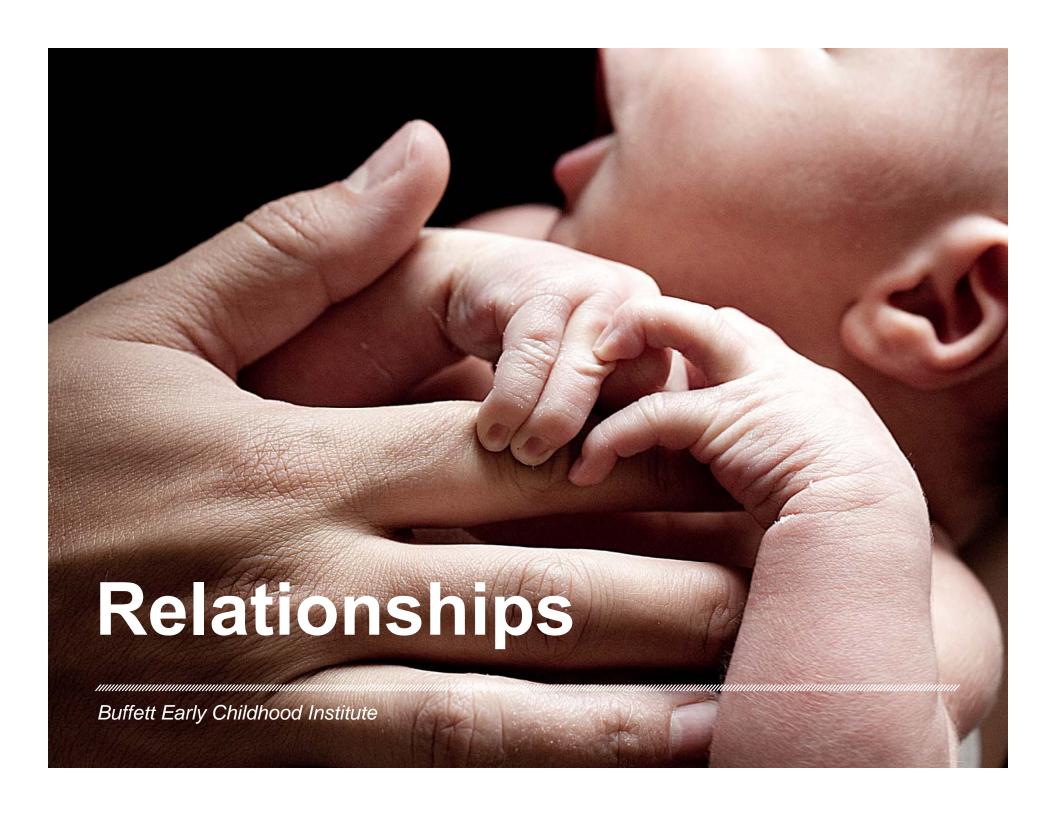
# Sensitive periods in the acquisition of language



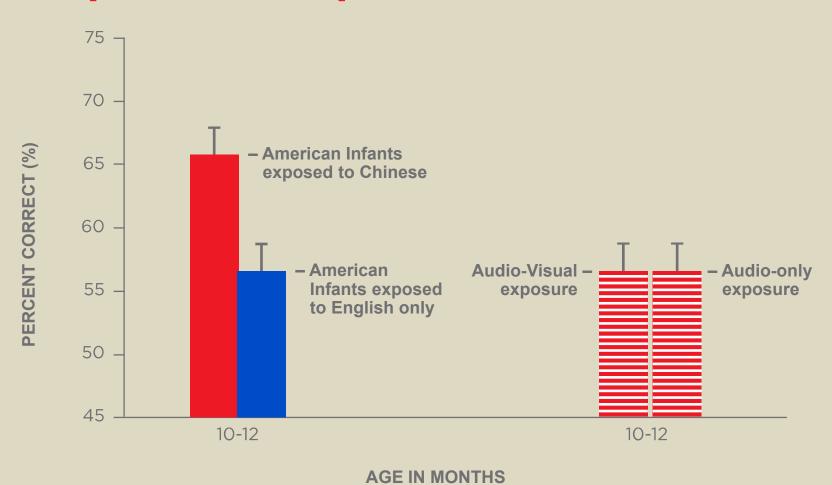








## Impact of relationships on the acquisition of phonetic skills in infancy

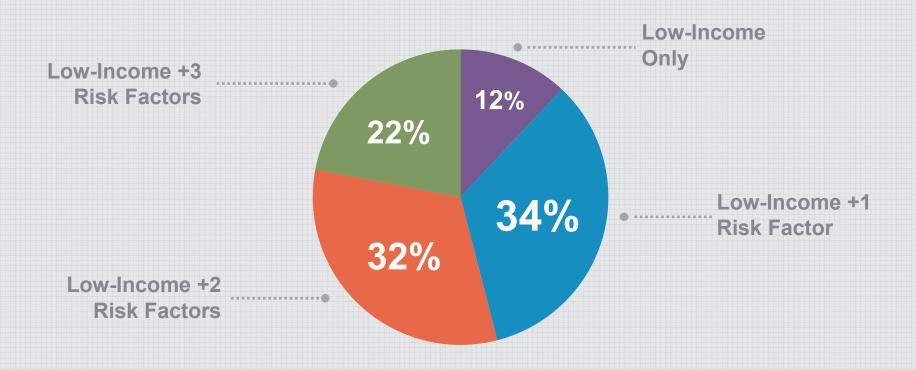


Kuhl P K et al. PNAS 2003; 100:9096-9101.



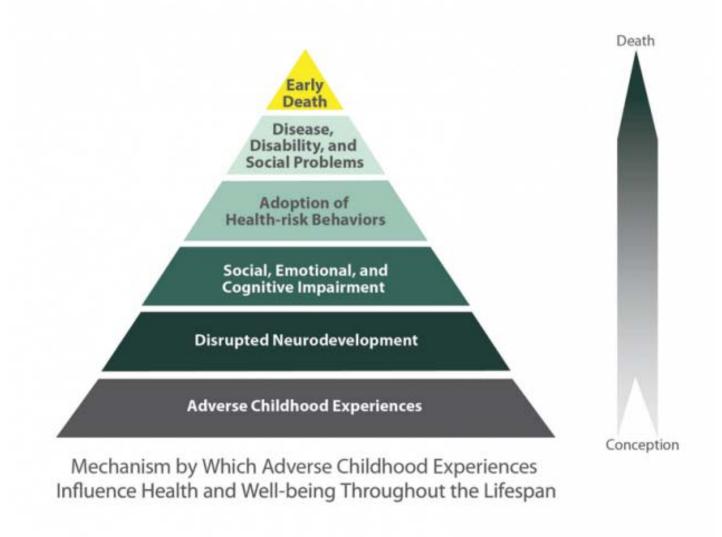
# Why some children don't thrive

# Interaction of Poverty and Risk Factors (≥ 200% poverty)

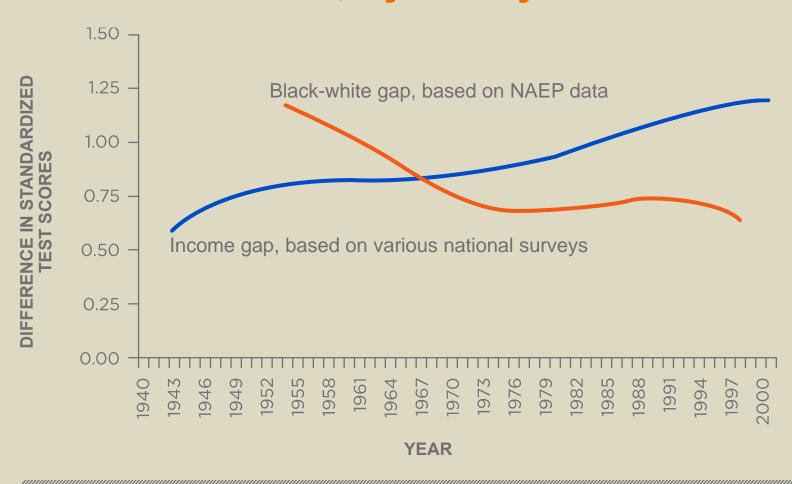


Source: Urban Institute (2008)

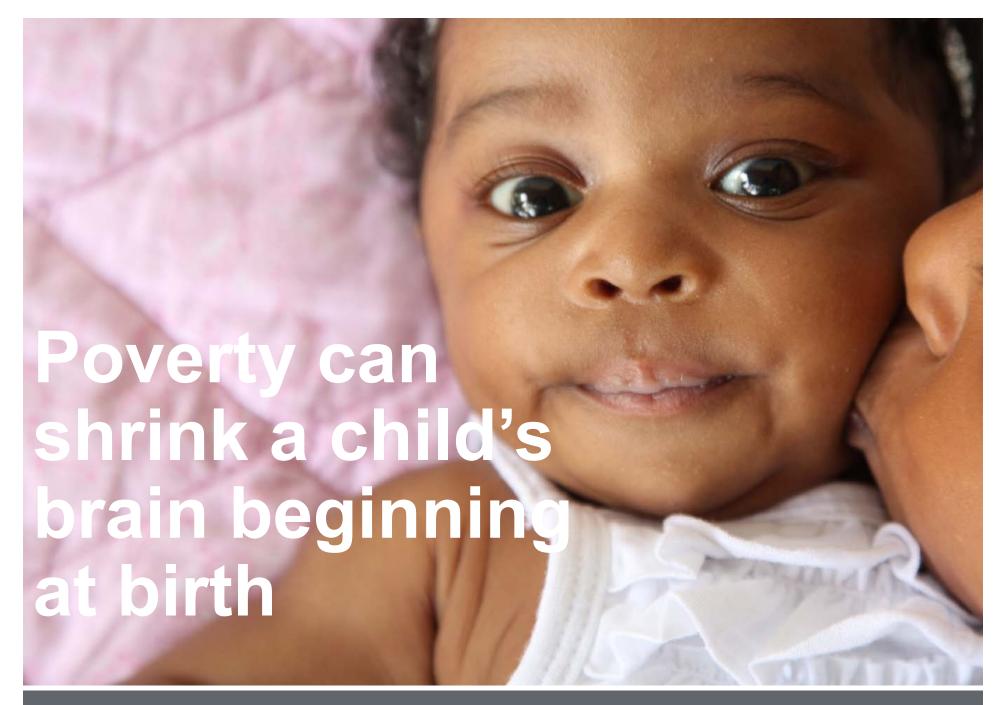
#### Impact of ACES



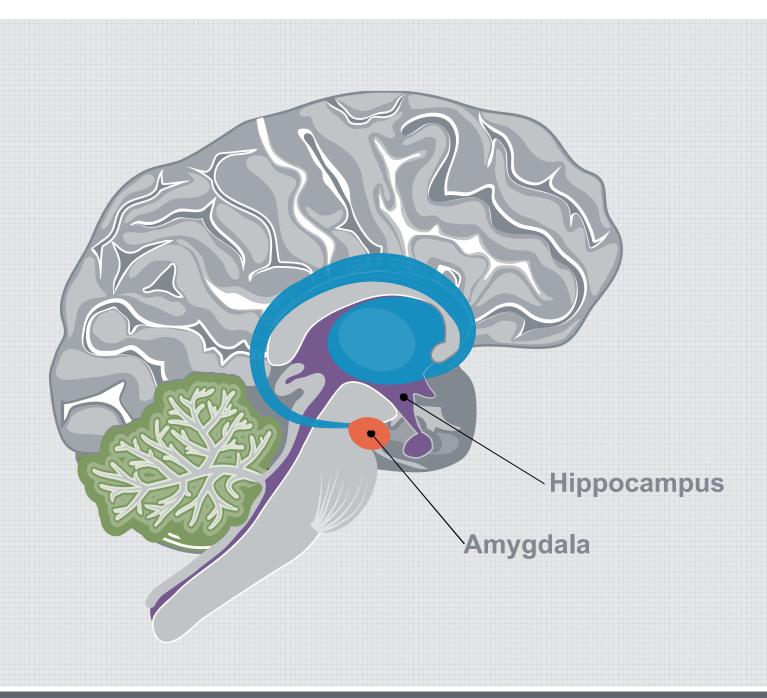
# Estimated gaps in reading achievement between black and white and high- and low-income students, by birth year



From: G.J. Duncan & R.J. Murnane (Eds.) (2012), Whither opportunity? Rising inequality, schools, and children's life chances. New York: Russell Sage Foundation. (Chapter 1)

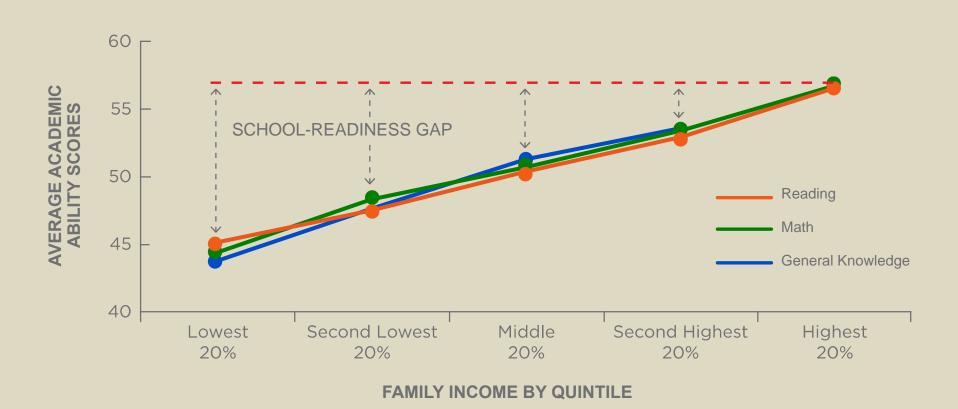








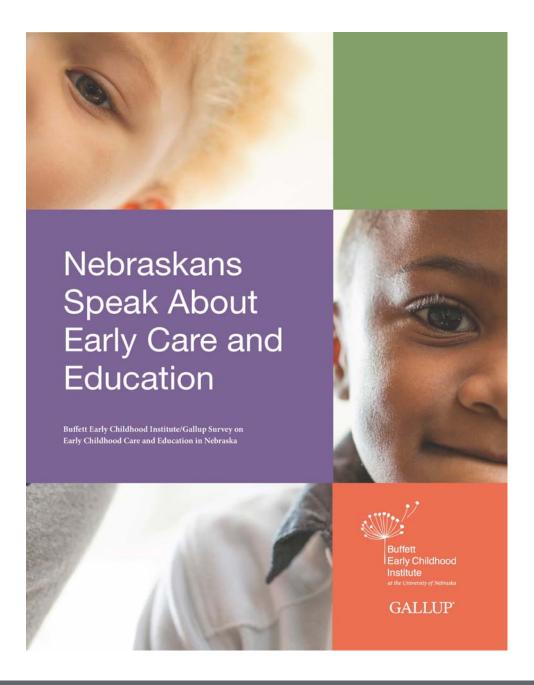
## Family income and the school-readiness gap



Source: Analysis of data from the Early Childhood Longitudinal Study, Kindergarten class of 1998-99. (See NCES.ED.GOV/ECLS/KINDERGARTEN.ASP) By W. Steven Barnett and Milagros Nores for The National Institute for Early Education Research.

# Closing the Gap By Changing Children's Early Life Experiences





Buffett
Institute/
Gallup Survey
on Early Care
and Education
in Nebraska

#### Purpose of Survey



- 1. Understand Nebraskans' attitudes, beliefs, and knowledge about early childhood care and education.
- Inform our investment in early care and education.
- Gather opinions about the state's support for young children at greatest risk.



#### Main Report Takeaways

- 1. Early care and education is important to Nebraskans.
- 2. More affordable and available high-quality child care is needed.
- 3. Nebraskans believe the state should invest more in early care and education.
- 4. Nebraskans voice strong support for children in greatest need.



#### Concern for the Future









#### The Goal

Increasing opportunity to learn and eliminating income- and race-based achievement gaps by the end of Grade 3

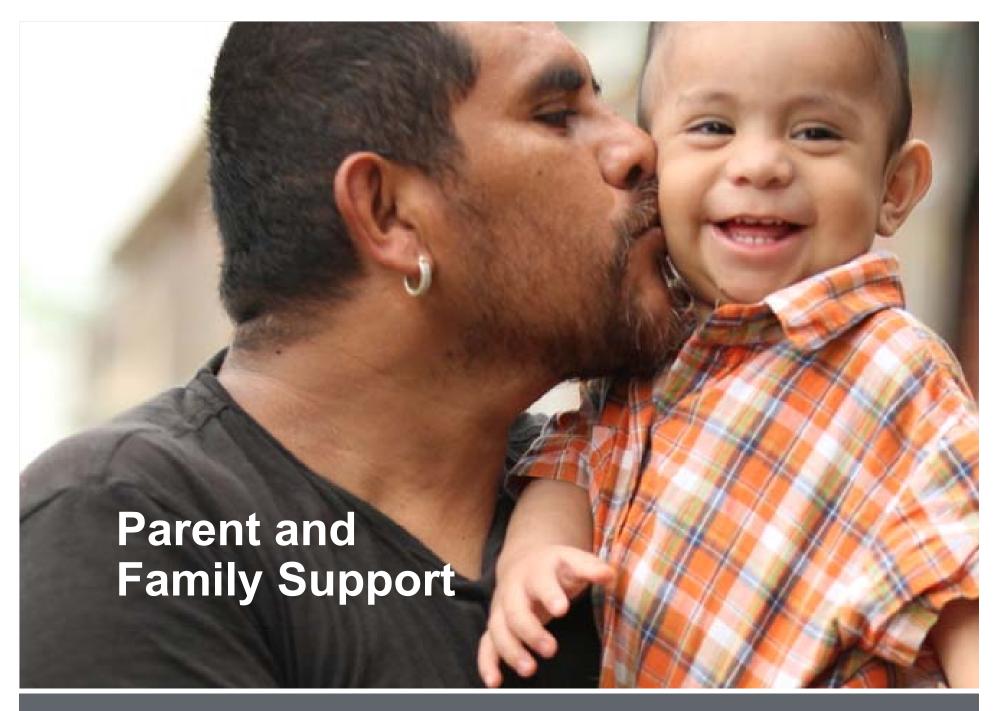


#### Three Levels of Support

- 1. Professional Development for all
- 2. Customized Assistance to selected school district, and community-based organizations
- 3. Full Implementation (Birth through Grade 3 at 12 school sites)

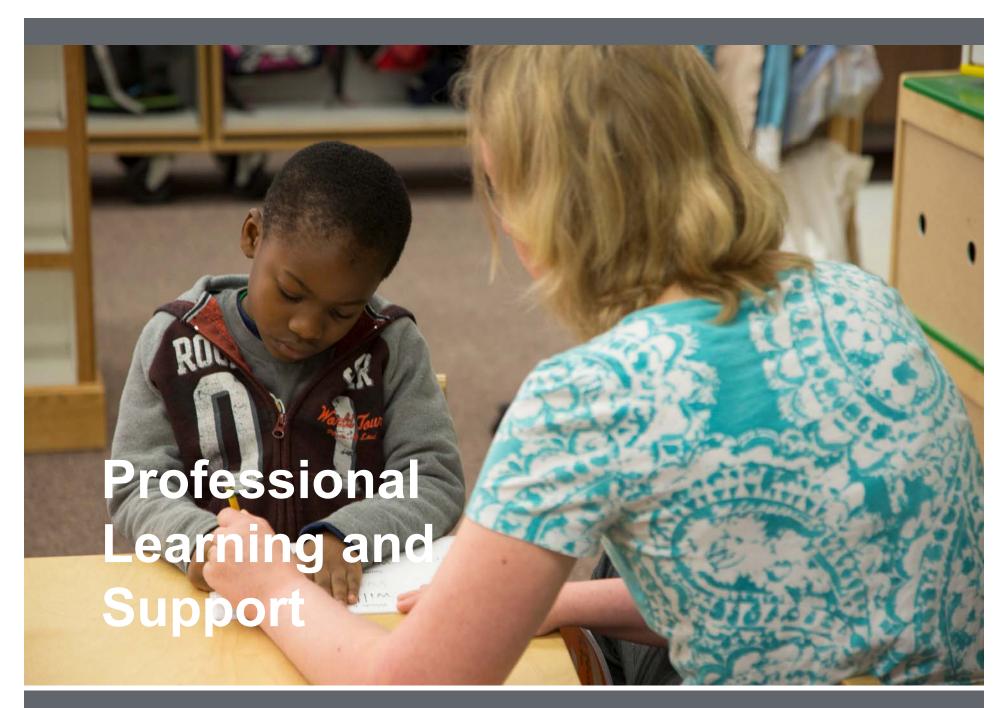


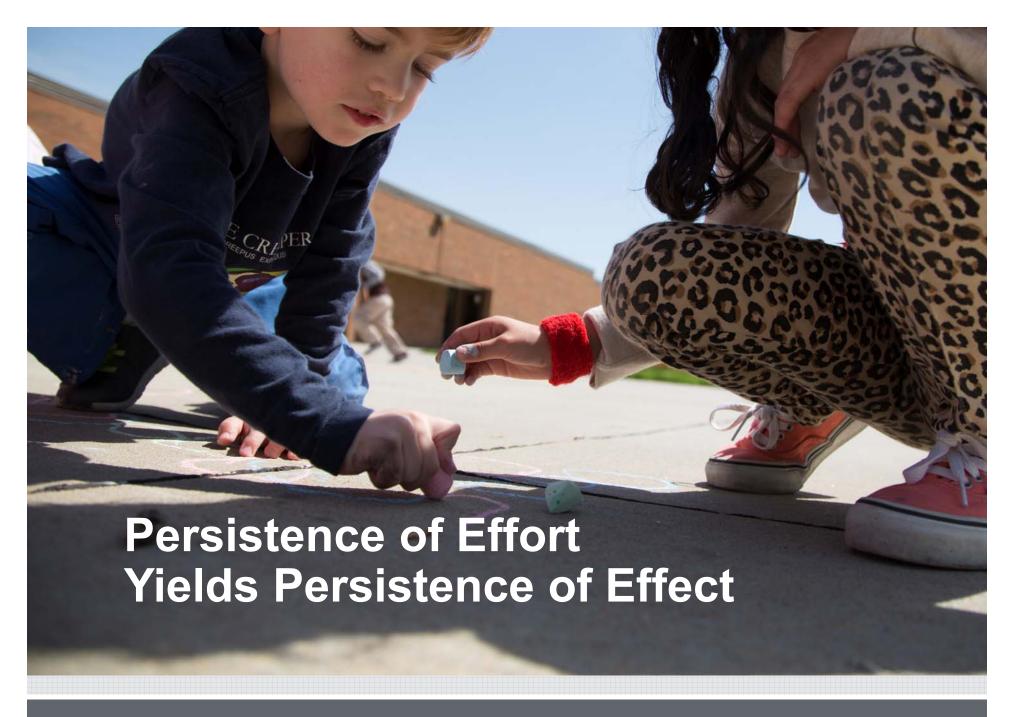












#### The "Ready Child" equation



#### Start early. Start well.

