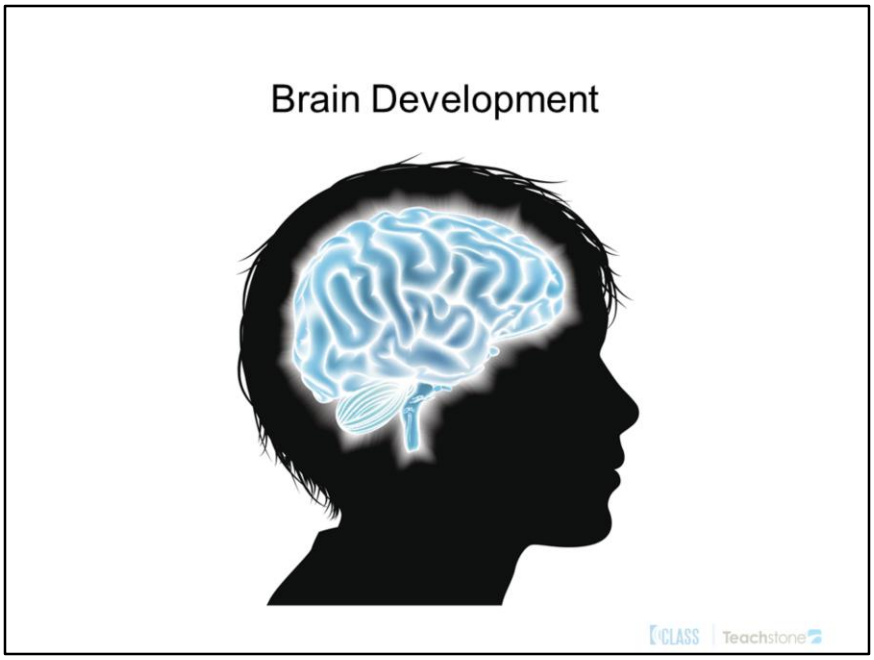

Buenas tardes...
Perdón...
Por Favor...
Teachstone

Beginning of Life

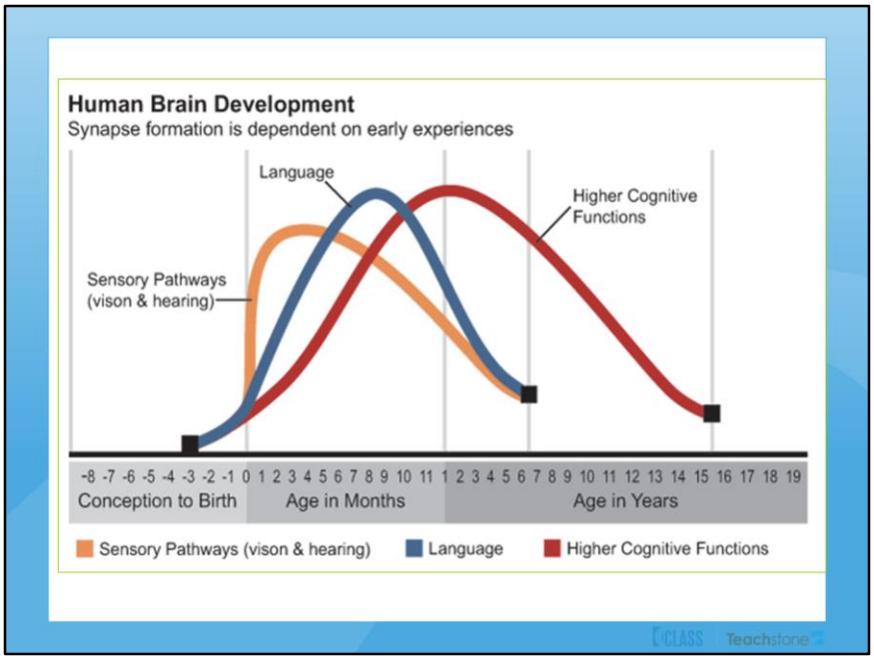
Click https://www.youtube.com/watch?v=LHqUMqvL1RQ&feature=youtu.be to watch the corresponding video link.

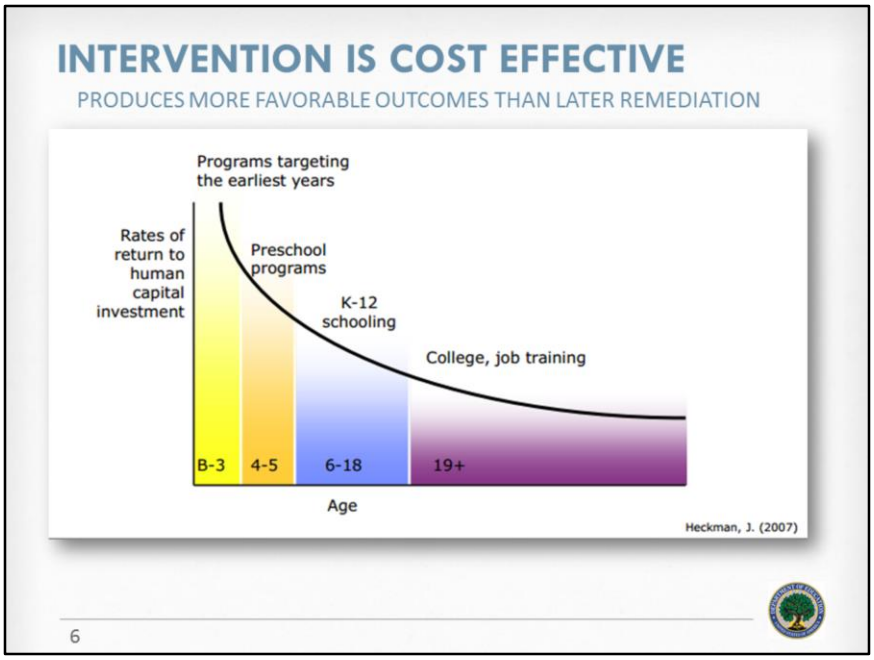
- What did the clip say to you about babies and learning?
- What emotion did it bring out in you—hope, concern, worry, love?



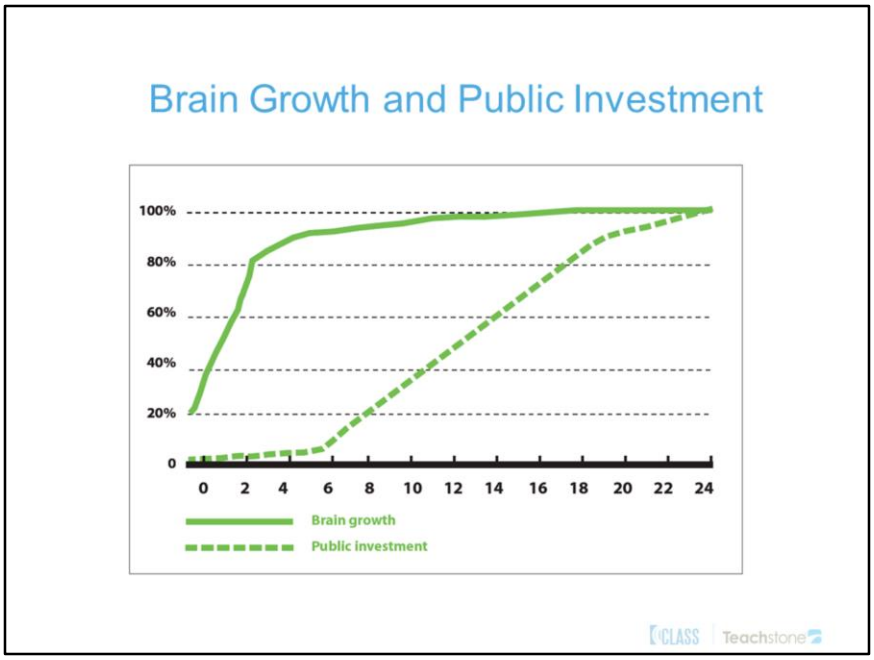
We are born eager to learn. We acquire 85 percent of our intellect, personality, and skills by age 5.

Source: National Research Council and Institute of Medicine. 2000, From Neurons to Neighborhoods: The Science of Early Childhood Development. Washington, D.C.: National Academy Press


Human Brain Development
Synapse formation is dependent on early experiences
Language
Higher Cognitive Functions
Sensory Pathways (vison & hearing)
-8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
Conception to Birth
Age in Months
Age in Years
Sensory Pathways (vison & hearing)
Language
Higher Cognitive Functions



A large body of research shows that early and preventative intervention is more cost effective and with a higher rate of return in fewer referrals for special education, fewer retention rates, higher graduation rates, less crime and incarceration and greater productivity for the nation.



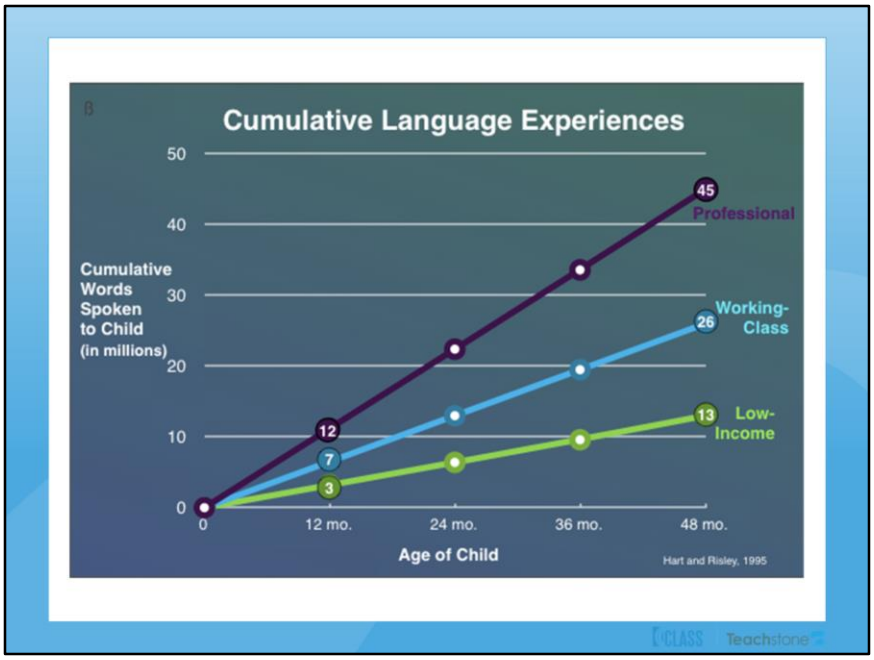
Please note that the numbers across the bottom of the graph represent children's ages. Look at the disparity between children's brain development and our investment in supporting it.

Source: Early Learning Left Out, Voices for America's Children and the Child and Family Policy Center, 2004.

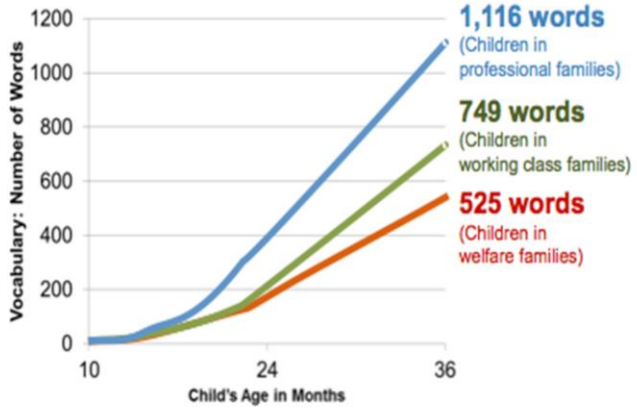
This graph appears in many papers, including:

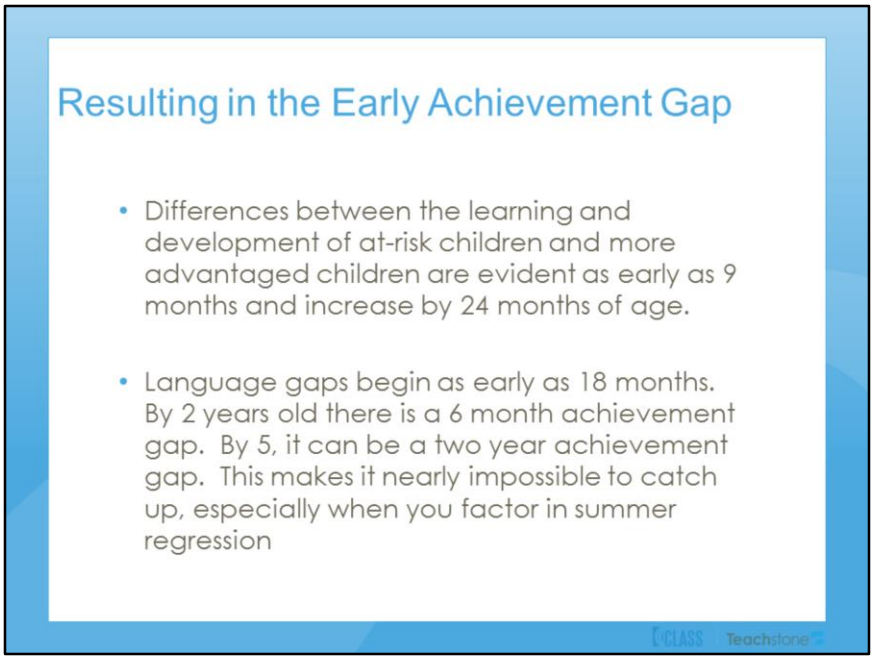
https://larrycuban.files.wordpress.com/2013/04/brain_dev_and_early_learning.pdf

http://www.buildinitiative.org/WhatsNew/ViewArticle/tabid/96/ArticleId/661/Early-Learning-Left-Out.aspx


Cumulative Language Experiences
Cumulative Words Spoken to Child (in millions)
50
40
30
20
10
0
45
Professional
26
Working-Class
13
Low-Income
12
7
3
0
12 mo.
24 mo.
36 mo.
48 mo.
Age of Child
Hart and Risley, 1995
CLASS
Teachstone

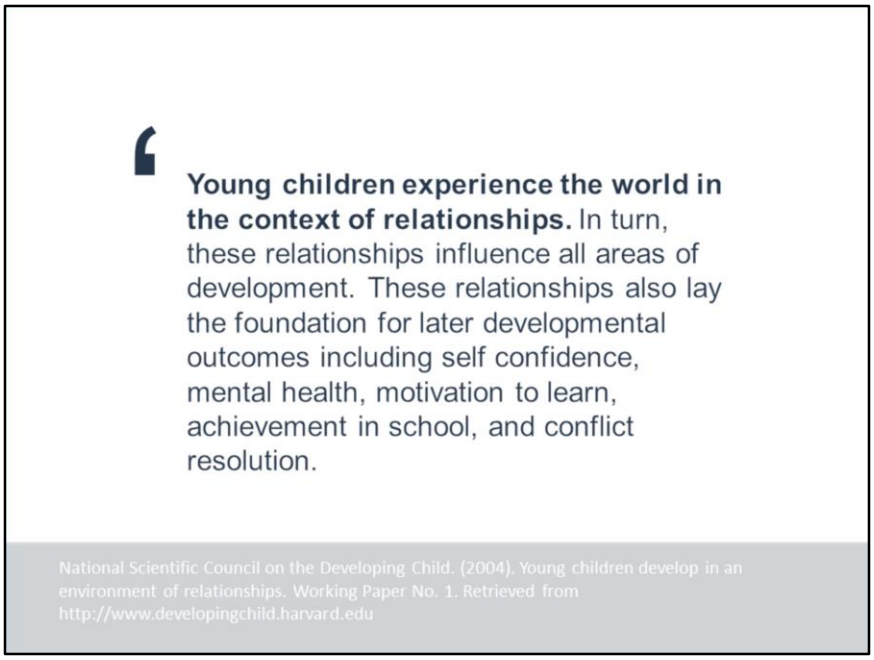
Word Gap


1200
1000
800
600
400
200
0
Vocabulary: Number of Words
10
24
36
Child's Age in Months
1,116 words
(Children in professional families)
749 words
(Children in working class families)
525 words
(Children in welfare families)



Research has shown that disparities in child outcomes between at-risk and more advantaged children are evident in cognitive, social, behavioral, and health outcomes as early as 9 months and increase by 24 months of age. Improving the effectiveness of early child care can help close this achievement gap.

This slide is from the Infant Observation Training pilot. The data on this slide come from Halle, T., Forry, N., Hair, E., Perper, K., Wandner, L., Wessel, J., & Vick, J. (2009). Disparities in Early Learning and Development: Lessons from the Early Childhood Longitudinal Study – Birth Cohort (ECLS-B). Executive Summary. Washington, DC: Child Trends.



The National Scientific Council on the Developing Child (NSCDC) is a multi-disciplinary collaboration of scientists and scholars designed to bring the science of early childhood and early brain development to bear on public policy decision-making.

The main point of this quote is the importance of interactions. Consider someone you have a relationship with. When you first met that person, did you have a relationship with them? No, because relationships are built upon shared experience and building of expectation for interactions and develop over time.

This report from the NSCDC summarizes the most current and reliable scientific research on the impact of relationships on all aspects of a child's development, and identifies ways to strengthen policies that affect those relationships in the early childhood years. Findings show:

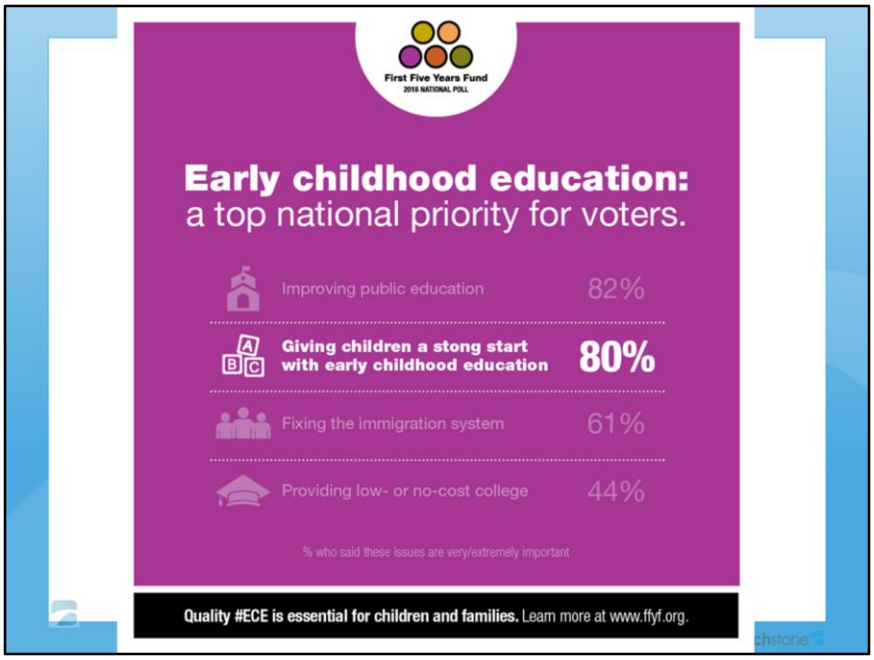
- Early relationships have long-term implications for children's development and their ability to learn and succeed in school.
- Focusing on teacher-child interactions isn't just a "feel good" approach; the research connects early supportive relationships to children's cognitive and social development.

Relationships are built over time and help preschoolers learn how to interact socially, emotionally, and cognitively.

Beginning of Life

Click https://www.youtube.com/watch?v=Kb5RtupqJ1o to watch the corresponding video link.

- What did the clip say to you about the value of children to local community and the larger world?
- Some say that how a society treats is children tells a great deal about that society. Looking in from outside, what might people say about us in Charlottesville, about us in United States?


First Five Years Fund
2016 NATIONAL POLL
Early childhood education:
a top national priority for voters.
Improving public education
82%
Giving children a stong start with early childhood education
80%
Fixing the immigration system
61%
Providing low- or no-cost college
44%
% who said these issues are very/extremely important
Quality #ECE is essential for children and families. Learn more at www.ffyf.org.

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