

# Knowledge Universe Global Footprint

## Knowledge Universe

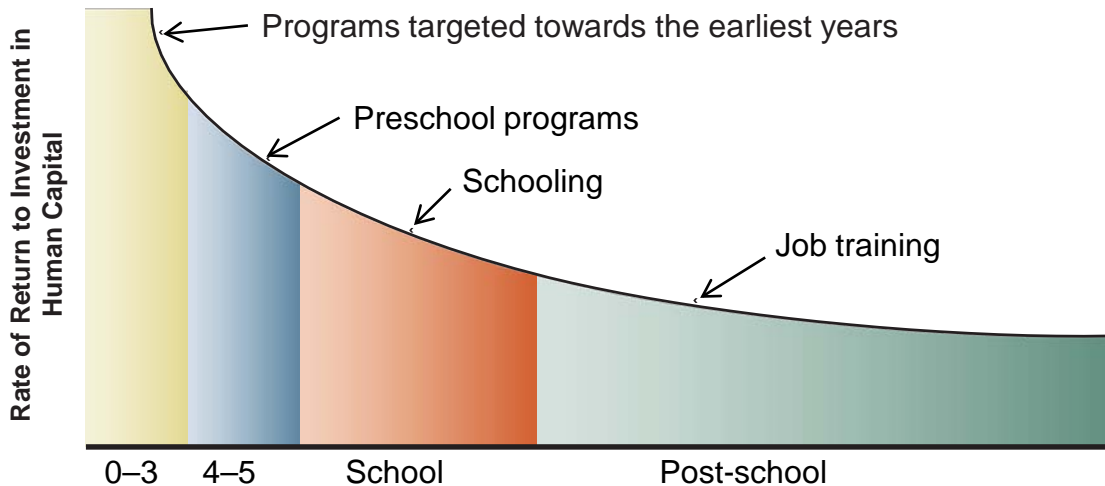
United States



Global

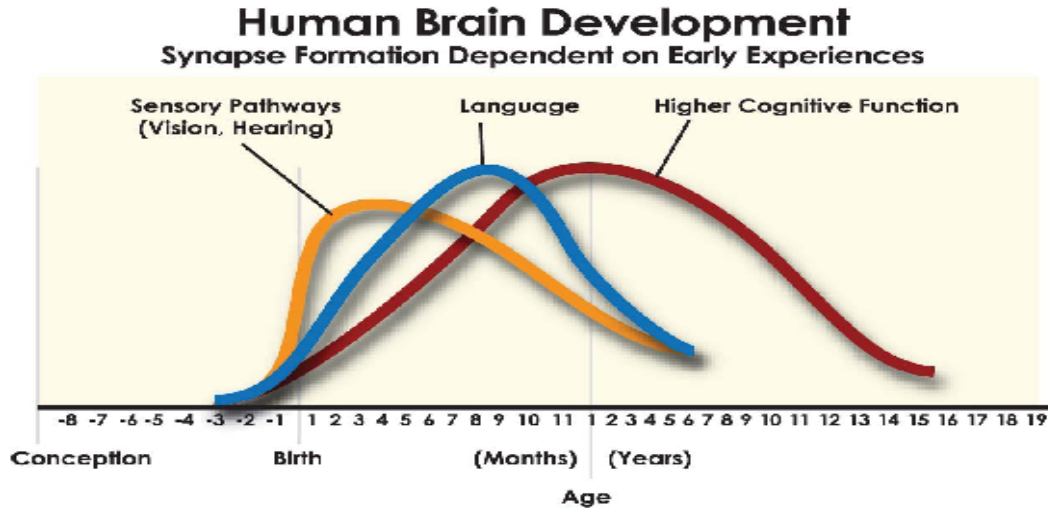


# Returns on Investing in Early Childhood Education



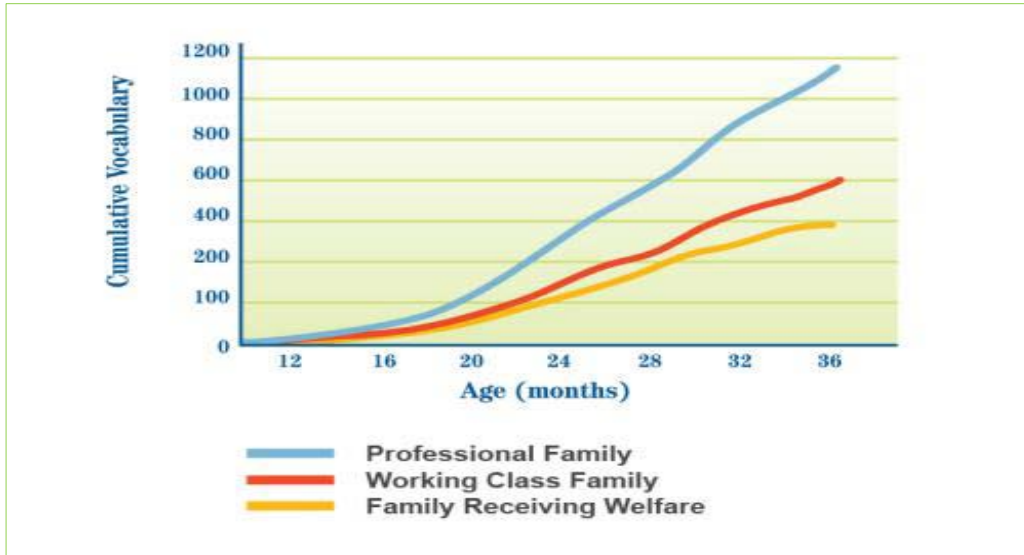
Source: Heckman and LaFontaine (2007).

# The Critical Time for Language Development



Source: C. Nelson (2000) in *From Neurons to Neighborhoods*, Shonkoff and Phillips (Eds.).

# The Impact of Early Language Exposure



Source: Hart & Risley (1995).

# Early Predictors of Literacy Skills



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- ✓ **Knows names of letters**
- ✓ **Knows sounds of letters**
- ✓ **Manipulates sounds/syllables**
- ✓ **Rapidly names a sequence of letters, numbers, objects, or colors**
- ✓ **Writes own name or letters**
- ✓ **Remembers content of spoken language (e.g., directions)**

# NBT: Never Been Taught

*The Responsibilities of Teachers*

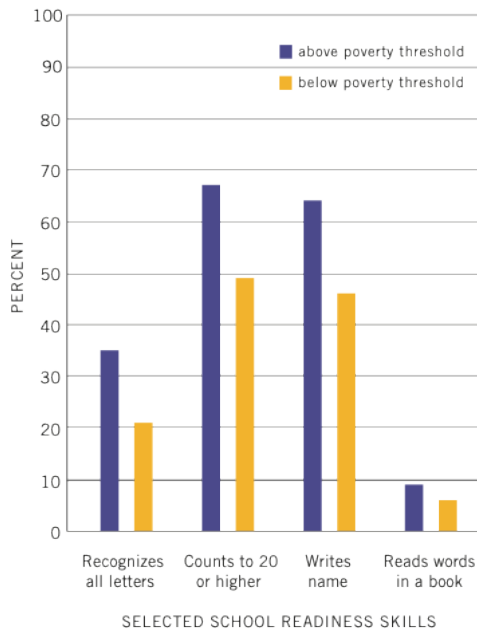


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**Ninety-five percent of the kids hitting the wall in learning to read are what we call NBT: Never Been Taught.**

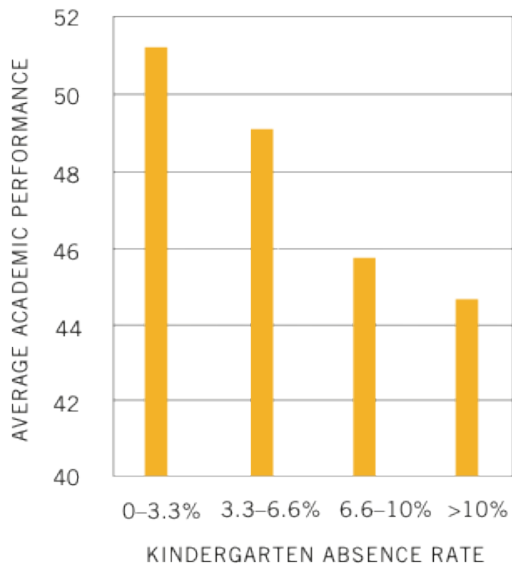
Dr. G. Reid Lyon, former chief of the Child Development and Behavior Branch, National Institute of Child Health and Human Development

# Percentage of Children Ages 3–6 With Selected School Readiness Skills, by Poverty Status



Source: O'Donnell, Kevin. Parents' Reports of the School Readiness of Young Children from the National Household Education Surveys Program of 2007, Table 2. National Center for Education Statistics. August 2008. [www.childtrendsdatabank.org/?q=node/291](http://www.childtrendsdatabank.org/?q=node/291)

# Chronic Kindergarten Absence Lowers Fifth Grade Reading Success for Low-Income Students



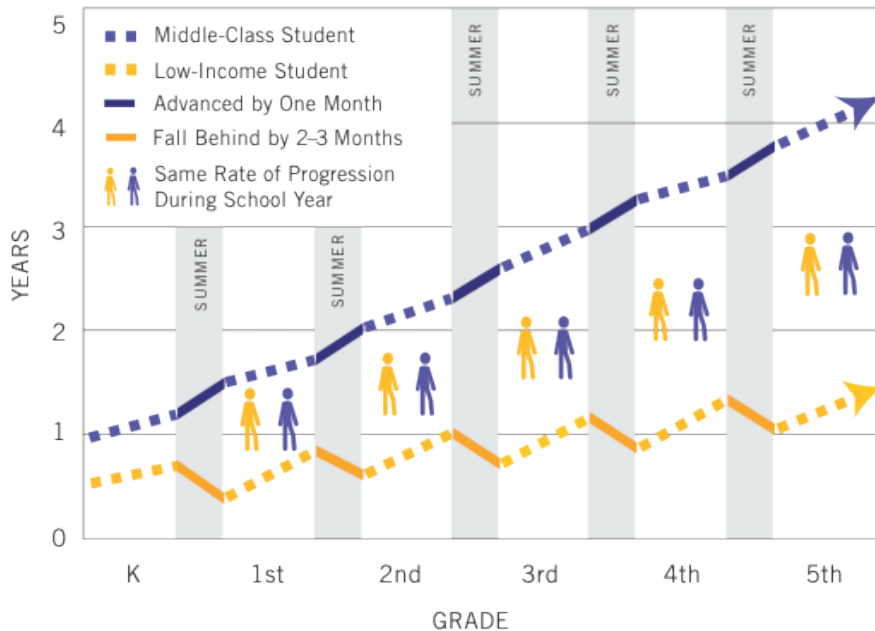
Source: ECLS-K data analyzed by National Center for Children in Poverty (NCCP).



# Low-Income Students Fall 2.5 to 3 Years Behind by Fifth Grade



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Source: Cooper, H., Borman, G., & Fairchild, R. (2010). "School Calendars and Academic Achievement." In J. Meece & J. Eccles (Eds.), *Handbook of Research on Schools, Schooling, and Human Development* (pp. 342-355). Mahwah, NJ: Erlbaum.



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[gradelevelreading.net](http://gradelevelreading.net)