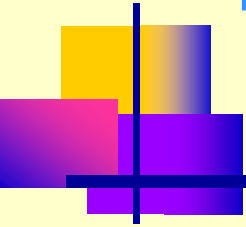


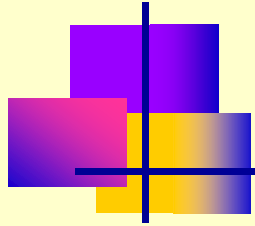
# THE EARLY YEARS



Presentation to the  
Santa Cruz County  
Inside Education

September 17, 2014





# ***Child Development Programs***

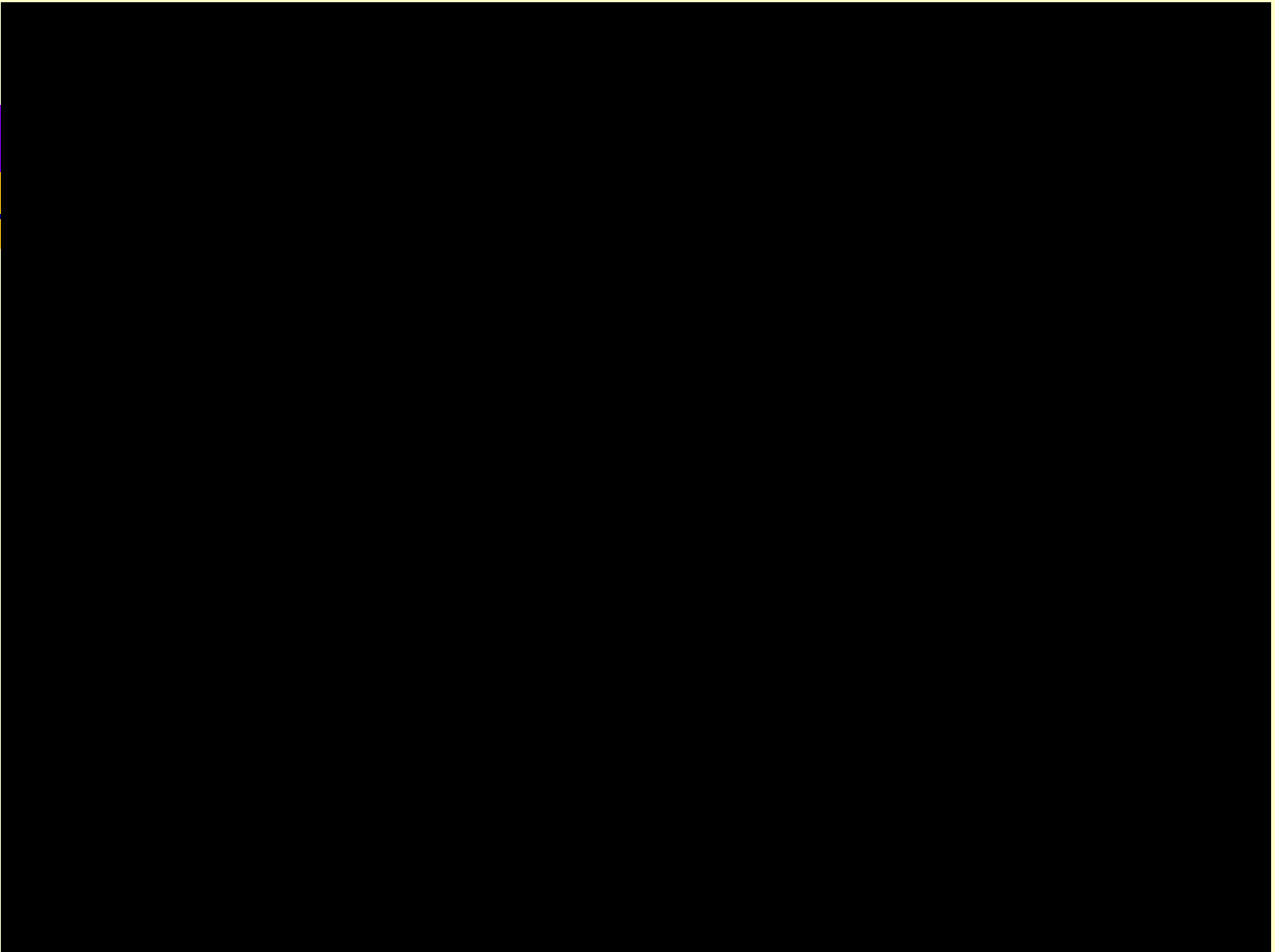
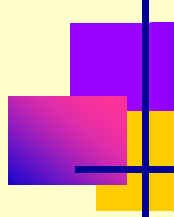
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- **Child Care Planning Council**

<http://www.childcareplanning.org/dev/>

- **Child Development Resource Center**

<http://www.cdrc4info.org/>





# ***Big 5***

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- **Start behind –Stay Behind**
- **Brain Development**
- **30 million word gap**
- **Cost (#47 school #1 Prisons)**





# ***The Need***

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**72 % Women  
working children  
under 6**

**1 in 5 parent at  
home**

**31% Licensed child  
care available**



# ***The Cost***

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**Child Care = Tuition College**

**\$ 8-15 K year, one child**

**Child care field lowest paid**

**right after fast food**

**Most critical time in a child's**

**development**



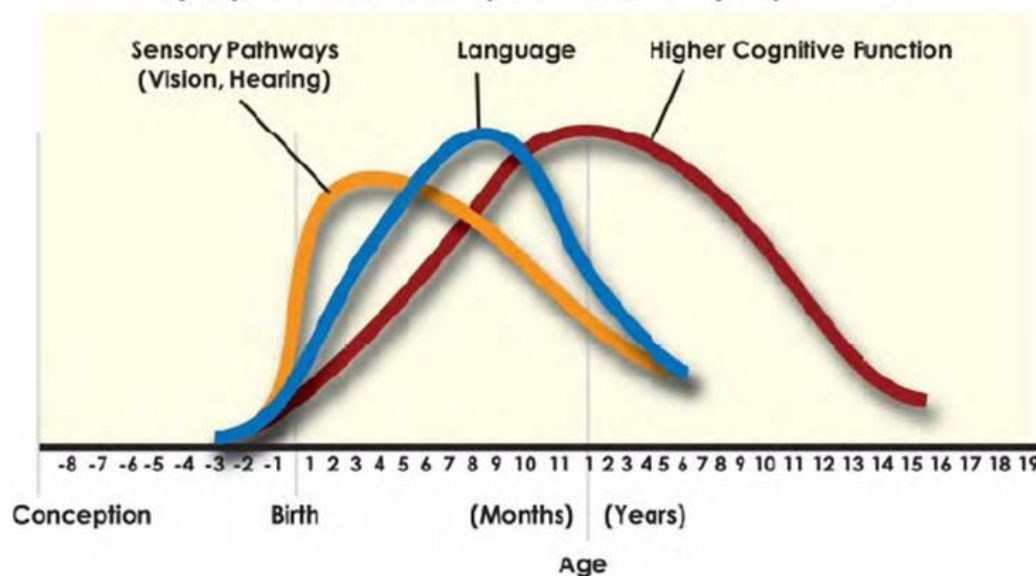
# Brain Development



Center on the Developing Child  
HARVARD UNIVERSITY

## Human Brain Development

Synapse Formation Dependent on Early Experiences



Source: Nelson (2000)



# ***Improving Schools***

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- **Achievement gap starts before schooling begins.**

**“Children who start ahead keep accelerating past their peers, widening the gap. Early advantages accumulate, so do disadvantages.**

**The best way to improve the schools is to improve the early environments of the children sent to them”....James Heckman**





# ***RAND Study (2009)***

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- **Over half of all 2nd and 3<sup>rd</sup> graders did not achieve grade level proficiency in English**
- **40 % of both grades were not at grade level in math**
- **Achievement differences are apparent in the readiness gaps that exist in kindergarten**

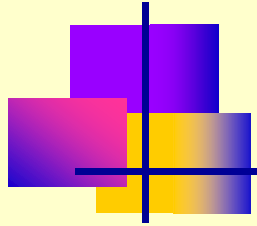


# ***30 Million Words***

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**A child from a low-income family hears an average of eight million fewer words per year than a child from a wealthier family. That's more than 30 million fewer words by the time the child turns four.**





**One Childhood**

**One Chance –**

**Do our best – when it  
matters most**



# ***Thank You!***

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Today's visits:

- Head Start
- Cabrillo Children's Center

