

FAST FACTS ABOUT CHILDREN'S BRAIN DEVELOPMENT



60% of all the energy
a baby expends is
concentrated in the
brain.



The birth-to-three period is the fastest rate of brain development across the entire human life span.



Babies whose parents frequently talk to them know 300 more words by age 2 than babies whose parents rarely speak to them.



Social interaction
enhances the speed
and accuracy of
learning at all ages.



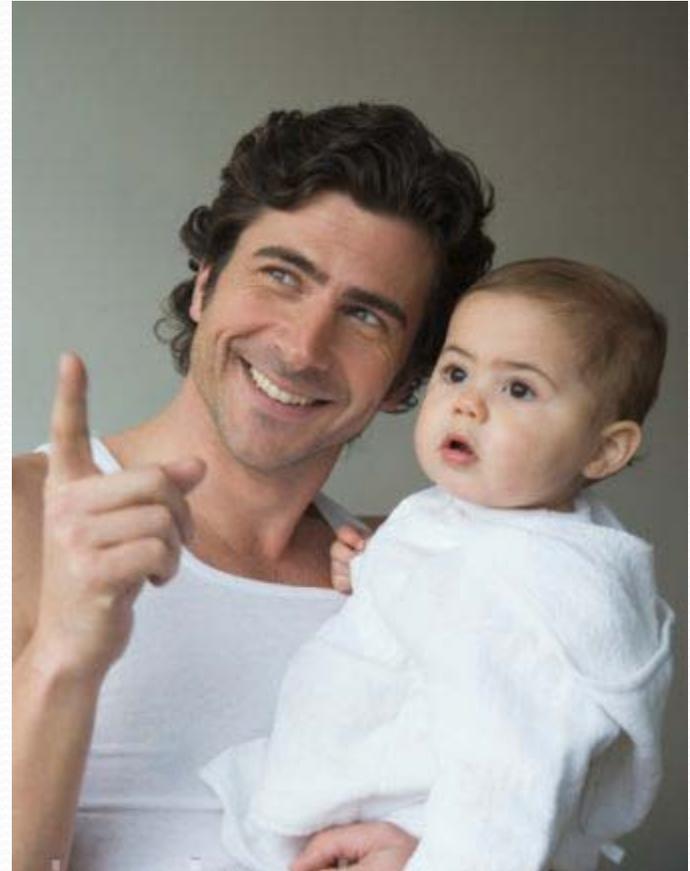
ALL caregivers who are a part of a child's life impact his/her brain development.



A strong parent-child bond in early childhood prepares children to better handle stress throughout life.



Babies learn what is important to pay attention to by following the eye gaze of adults.



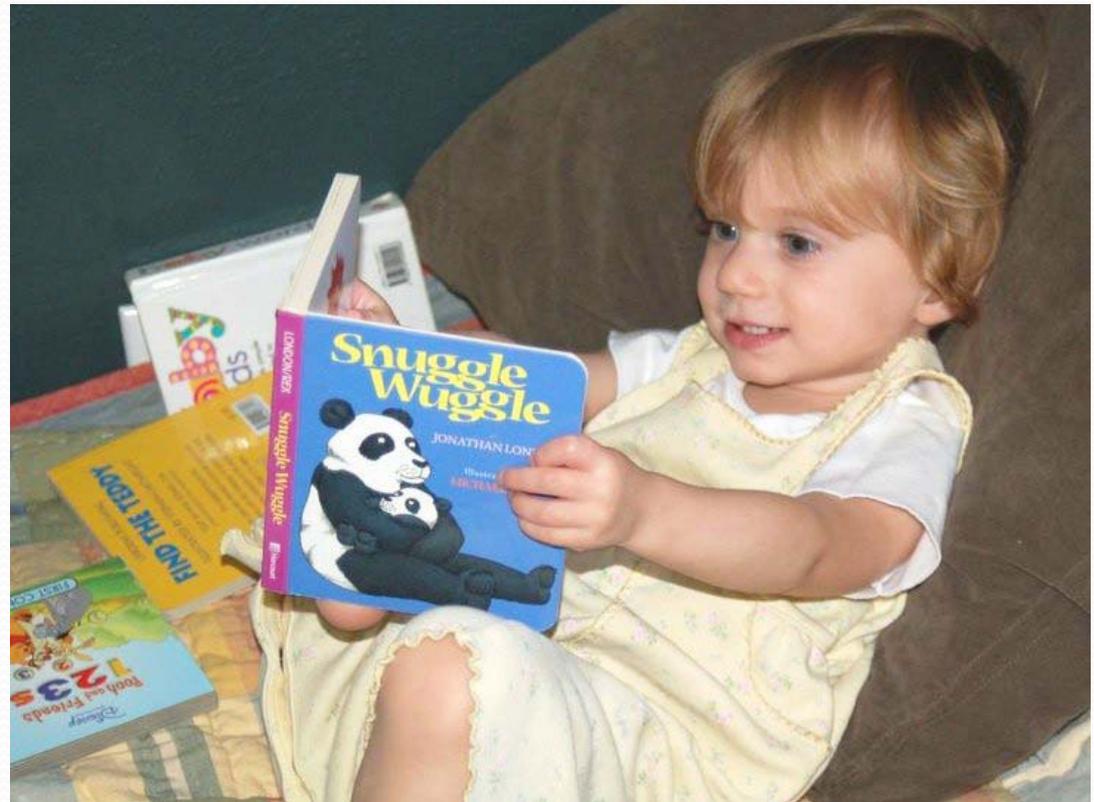
Humans are
born with the
ability to learn
any language.



Learning more
than one language
improves
cognitive
development.



Children do not need special toys or videos to stimulate their brain development.



Babies use the facial expressions of adults to decide how they feel.



Holding and stroking an infant stimulates the brain to release important hormones that allow him to grow.



If babies' bodies grew at the same rapid pace as their brains, they would weigh 170 pounds by one month of age.



Reading aloud to children helps stimulate brain development, yet only 50% of infants and toddlers are routinely read to by their parents.



By the time they are 3, children's brains have formed 1000 trillion connections between neurons.



“Floor time” with a child including talking, singing, reading, playing, and exploring objects and physical space are the best ways to stimulate brain development.





Compiled by the Marsico Institute for Early Learning and Literacy
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