



A Scribble or a Masterpiece

Plant the Seed of Learning

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True or False

Basic brain connections are constructed before birth.

Brain Quiz Answers

- 1. True- During pregnancy, the basic architecture is formed. After birth, formation of connections depend on exposure to environment- through relationships and experiences.

True or False

Babies are born with the ability to learn all the languages in the world.

Brain Quiz Answers

- 2. True- Infants are born with the capacity to learn all languages. Babies learn to talk by hearing language and having language directed at them in “conversation.”

True or False

A baby's brain has the greatest density of brain cell synapses by age 3.

Brain Quiz Answers

- 3. True- A human baby's brain has the greatest density of brain cell connectors (synapses) by age 3.

True or False

After age 3, the “window of opportunity” closes for brain development.

Brain Quiz Answers

- 4. A great deal of learning goes on the after the first 3 years of life. However, the first 3 years of life are important for laying the groundwork for healthy development.

True or False

Good nutrition is one of the best ways to increase healthy brain development.

Brain Quiz Answers

- 5. True- Good nutrition is one of the best ways to aid in healthy brain development. The developing brain craves iron. Bottle fed babies need iron fortified formula. Breast fed milk contains all the amino and fatty acids needed for brain development.

True or False

Reading to a child is the best way to teach future reading skills.

Brain Quiz Answers

- 6. False- Providing a language-rich environment is best for children. Reading is one way of laying the foundation for literacy but talking, singing, and listening to music are worthy as well.

Brain Development

- By 12 months of age, the hippocampus- the seat of memory- has matured enough for a toddler to recall actions and events that occurred a few hours, or a day earlier.
- Toddlers learn what they see others do.

Writing

- Model writing with toddlers.
- Writing is a cause and effect experience
- As toddlers develop muscle control they will learn to leave their mark on the world!
- Write with whipped cream, yogurt, apple sauce, or other edible items to develop their sense of touch.
- Focus on PLAY and not the final PRODUCT

Stage 1: Random Scribbling

- Random Scribbling: 15 months to 2 ½ years
- A young child figures out their movements and attempts scribbles and lines.
- For a child, this is sensory development as they relish in the feel of paint or the smell of crayons.

References

- Wolf (2007). Proust and Squid
- Zero to Three- zerotothree.org