

Unit 1: The Science of Early Brain Development

Post Test (Choose one answer for each question)

1. Early experiences **do not** impact the structure of the brain.
 - a. True
 - b. False
2. How many connections are formed per second in the developing brain?
 - a. 25
 - b. 100
 - c. 350
 - d. 700
3. Serve and return refers to:
 - a. A core concept of brain development
 - b. The role of social interaction in brain development
 - c. Hand-eye coordination
 - d. A and B
4. The statement “sensory pathways, language skills, cognitive skills” is an example of:
 - a. The progression of brain development
 - b. Skills required before additional skills can be learned.
 - c. The brain building from the bottom up
 - d. All of the above
5. It is **easier** to learn new skills as you get older
 - a. True
 - b. False
6. The term epigenetics refers to:
 - a. The interaction between experience and genetics on the development of brain structures
 - b. Genes “turning on or off” depending on the environment
 - c. Gene therapy and stem cell research
 - d. A and B
7. What types of development are connected?
 - a. Reading, writing and arithmetic
 - b. Airway, breathing and circulation
 - c. Cognitive, emotional and social
 - d. Crawling, walking and running
8. The term pruning refers to: *(Choose the answer that refers to early brain development)*
 - a. The process of shaping trees
 - b. The process of drying plums
 - c. The process of discarding cells in the brain
 - d. The process of discarding connections in the brain