



About The Brain- Level 3

Student Activity Guide

Think About It:

1. What do you think about the quote, "A teenager's brain has a well-developed accelerator but only a partly developed brake." What does this mean?

Brain Quiz!

1. Phase 1 of Brain Development ends at _____ years.
 - a. 11-12
 - b. 15-16
 - c. 17-18
 - d. 24-25
2. During Phase I of brain development, the brain grows about _____ neurons.
 - a. 200
 - b. 2,000
 - c. 200,000
 - d. 200,000,000,000
3. Phase 2 of Brain Development starts at age _____ and ends at age _____.
 - a. 15-16, 24-25
 - b. 11-12, 17-18
 - c. 11-12, 24-25
 - d. 17-18, 24-25
4. Concerning brain development, use it or lose it means _____.
5. Prefrontal cortex or frontal lobe is responsible for all of the following except:
 - a. Decision making
 - b. Rational thought
 - c. Emotional reaction
 - d. Good judgment

Activity #1 Group Activity:

In groups of 3-5 students, create a rap, poem, skit, or short story to explain the difference between the job of the limbic system and the frontal lobe. Feel free to use humor.



Activity #2 Write About It:

Journal: Imagine that you are 25 years old and your frontal lobe is fully developed. Write a letter to your teenage self, explaining the importance of protecting your frontal lobe.



Activity #3 Art Activity:



Create a visual representation of the timeline of frontal lobe development.

