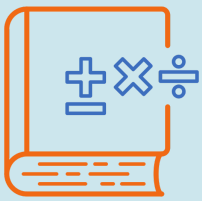
WHAT DO DIFFERENT PARTS OF THE BRAIN DO?

FRONTAL LOBE

Responsible for executive functioning - problem solving, emotional regulation and impulse control, judgment, planning and attention.

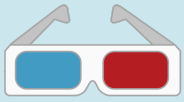


PARIETAL LOBE

Used for organizing, regulating and interpreting sensory information. Important in understanding math and visual-spatial relationships. Responsible for motor planning.

TEMPORAL LOBE

Working with visual, verbal and language memory, auditory processing and interpreting the emotions and reactions of others.

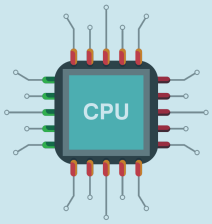


OCCIPITAL LOBE

Visual processing and perception of the world, including depth perception, as well as reading and recognizing printed words.

CEREBELLUM

Regulates coordination and control of voluntary movement, balance and muscle tone.



BRAIN STEM

Manages the coordination of all critical life functions such as the heart, breathing, swallowing, reflexes, temperature regulation, sleep, and balance.