



Skills and Functions Associated with the Lobes of the Brain

Frontal Lobe Controls

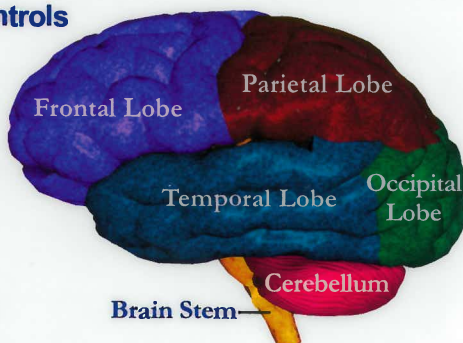
- Attention
- Motivation
- Emotional, social, sexual control
- Verbal expression
- Judgement
- Spontaneity
- Problem solving
- Decision making
- Expressive language
- Motor integration
- Voluntary movement
- Sequencing

Temporal Lobe Controls

- Short-term memory
- Receptive language
- Language comprehension
- Musical awareness
- Selective attention
- Object categorization
- Locating objects
- Face recognition
- Behavior (aggressive)

Parietal Lobe Controls

- Tactile perception (touch)
- Spatial orientation
- Awareness of body parts
- Academic skills
- Object naming
- Right/left organization
- Visual attention
- Eye-hand coordination



Occipital Lobe Controls

- Visual perception
- Visual processing
- Reading (the perception and recognition of printed words)

Cerebellum Controls

- Coordination of voluntary movement
- Gross and fine motor coordination
- Postural control
- Balance and equilibrium
- Eye movement

Brain Stem Controls

- Autonomic nervous system (heart rate, breathing, temperature, etc.)
- Level of alertness
- Arousal and sleep regulation
- Swallowing food and fluid
- Balance and movement

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FOR NEURO
SKILLS®
NEUROSKILLS.COM

5215 Ashe Road
Bakersfield, CA 93313
(661) 872-3408
(800) 922-4994
bakersfield@neuroskills.com

2200 Powell Street Ste. 120
Emeryville, CA 94608
(510) 318-8600
(800) 922-4994
sanfrancisco@neuroskills.com

16542 Ventura Blvd., Ste. 500
Encino, CA 91436
(818) 783-3800
(800) 992-6752
losangeles@neuroskills.com

1320 West Walnut Hill Ln.
Irving, TX 75038
(972) 580-8500
(800) 554-5448
texas@neuroskills.com