

Simplified Brain Behavior Relationships

Parietal Lobe

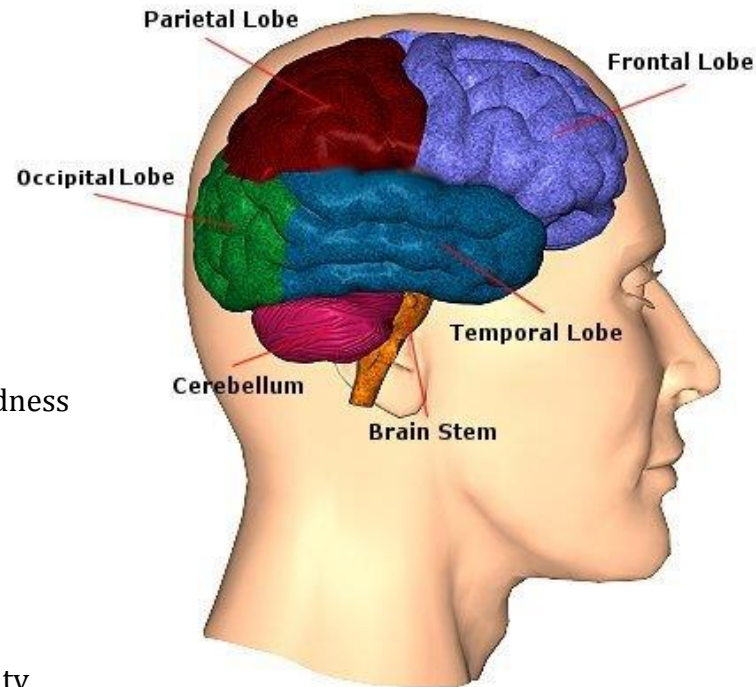
- Sense of touch
- Differentiation: size, shape, color
- Spatial perception
- Visual perception
- Reading

Occipital Lobe

- Vision
- Color blindness

Cerebellum

- Balance
- Coordination
- Skilled motor activity



Frontal Lobe

- Initiation
- Problem Solving
- Judgment
- Inhibition of behavior
- Planning/anticipation
- Self-monitoring
- Motor planning
- Personality/emotions
- Awareness of abilities/limitations
- Organization
- Attention/concentration
- Mental flexibility
- Speaking (expressive language)

Temporal Lobe

- Memory
- Hearing
- Understanding language (receptive language)
- Organization and sequencing

Brain Stem

- Breathing
- Heartbeat
- Heart rate
- Blood pressure
- Swallowing
- Body temperature
- Digestion
- Arousal/consciousness
- Sleep/wake functions
- Attention/concentration