Simplified Brain Behavior Relationships

**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

**Occipital Lobe**
- Vision
- Color blindness

**Cerebellum**
- Balance
- Coordination
- Skilled motor activity

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