

# FRONTAL LOBE ANATOMY & FUNCTIONS

[ *Anterior Cerebral Cortex / Frontal Lobe Diagram Illustration* ]

## PREFRONTAL CORTEX

- Executive Functioning
  - Decision Making
  - Personality Expression
  - Social Behavior Regulation
  - Complex Planning
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## PREMOTOR & MOTOR CORTEX

- Voluntary Muscle Control
  - Movement Sequencing
  - Coordination of Complex Tasks
  - Integration of Sensory Data
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## BROCA'S AREA

- Speech Production
  - Language Processing
  - Facial Neuron Control
  - Grammar and Syntax
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## COGNITIVE PROCESSES

- Working Memory
  - Attention Management
  - Impulse Control
  - Emotional Regulation
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